

**Cummulative Skills Review**

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**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $6n + 7 = 8n - n$

2)  $-1 - 6a = 7 - 6a$

**Skill #2--Parentheses--Solve each equation.**

3)  $-4(5 + x) = 6(4x - 8)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $4(-4 - 8k) = -8k - 40$

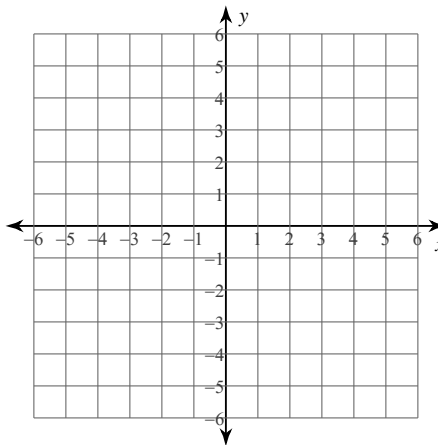
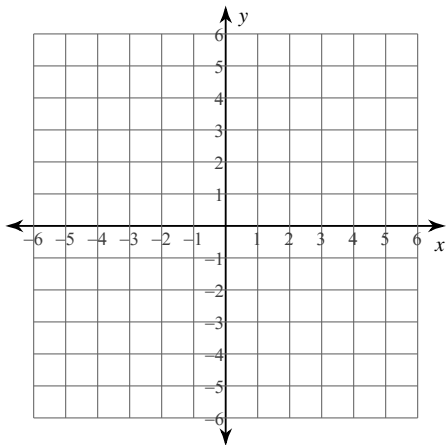
**Evaluate.**

5)  $mn + m - (n - 3)$ ; use  $m = 5$ , and  $n = 4$

**Skill #7--Generate a Table of Values and then Graph the Line.**

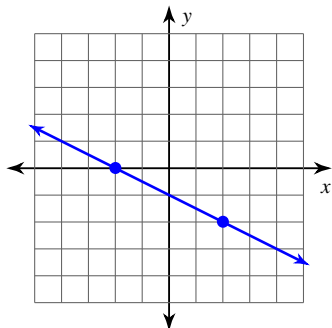
6)  $x - y = -1$

7)  $8x - 3y = -9$

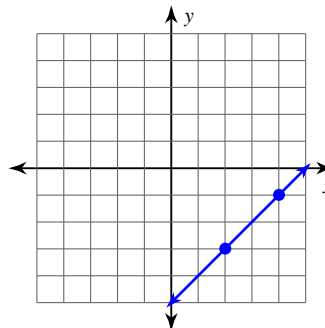


**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)



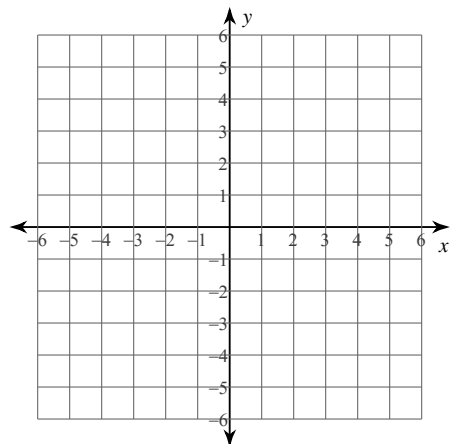
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(-12, -20), (-13, -20)$

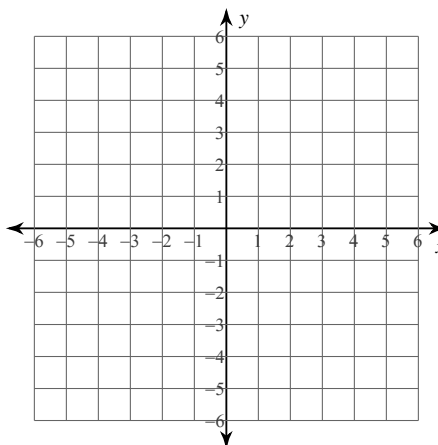
11)  $(-8, -8), (18, -18)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -\frac{1}{4}x + 2$

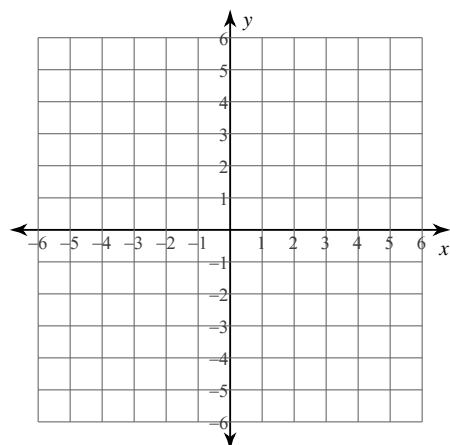


13)  $y = x + 3$

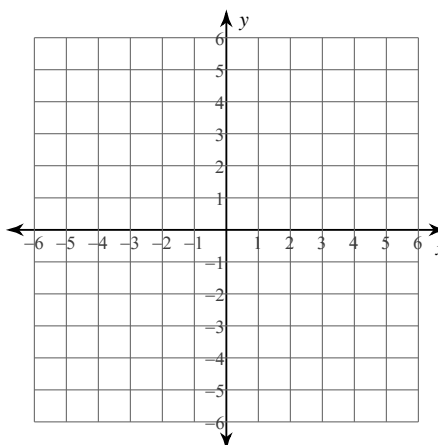


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $x - y = 2$

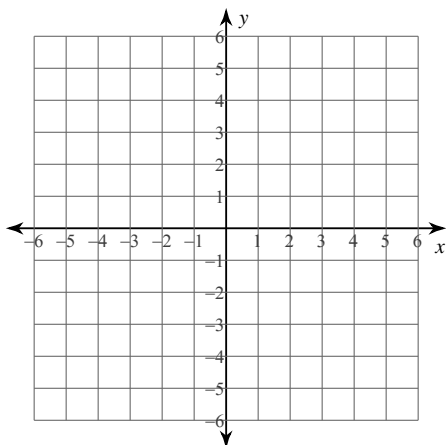


15)  $x - 2y = 0$

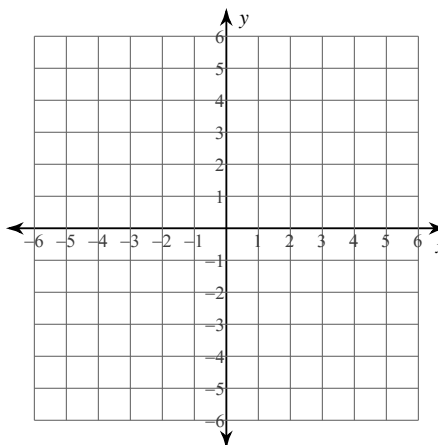


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $y + 4 = 2x$

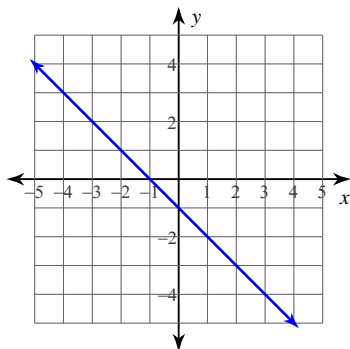


17)  $y = 5 + x$

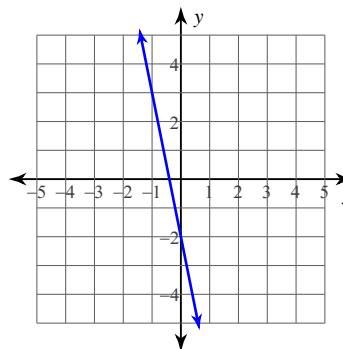


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $-\frac{3}{2}$ , y-intercept =  $-4$

21) Slope = 1, y-intercept = 3

**Cummulative Skills Review**

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**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $5 - 4x = 5 + 4x - 8x$

2)  $-4 + 2k = 7k - 4k$

**Skill #2--Parentheses--Solve each equation.**

3)  $-4(-3x - 2) + 8 = -5(7 + 8x) + x$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $-(n - 4) = -5n + 20$

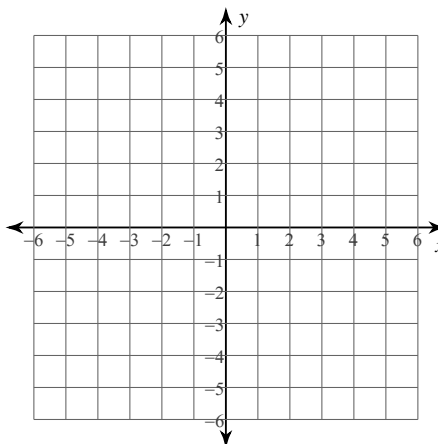
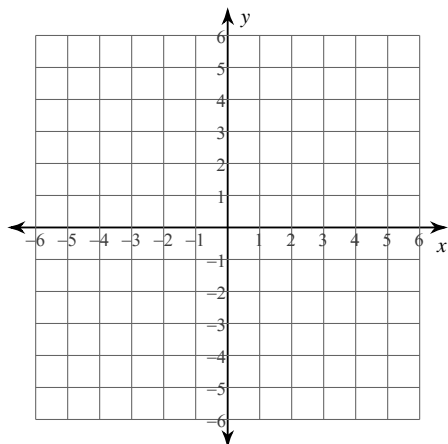
**Evaluate.**

5)  $q^2 - (p + p + p)$ ; use  $p = 1$ , and  $q = 5$

**Skill #7--Generate a Table of Values and then Graph the Line.**

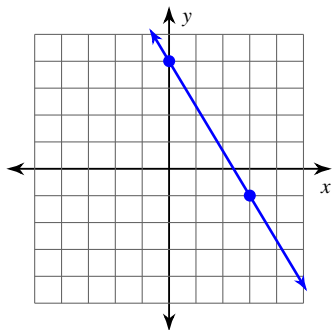
6)  $x - y = -5$

7)  $x + y = -4$

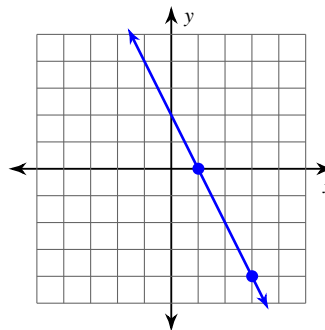


**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)



**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

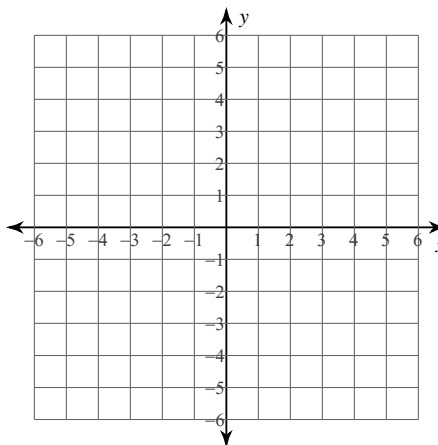
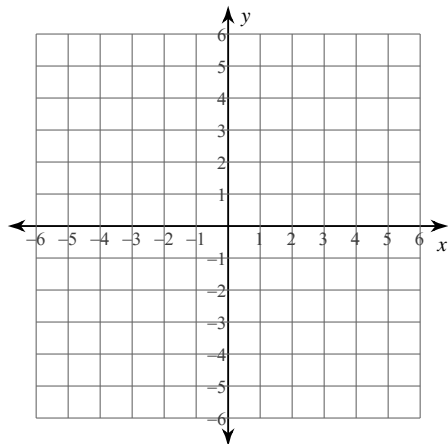
10)  $(-17, -3), (-12, -20)$

11)  $(-4, 18), (-3, 6)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = \frac{9}{5}x - 4$

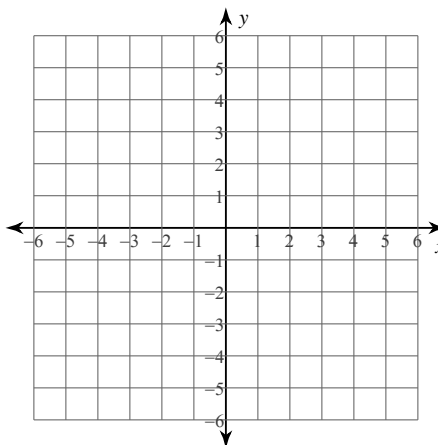
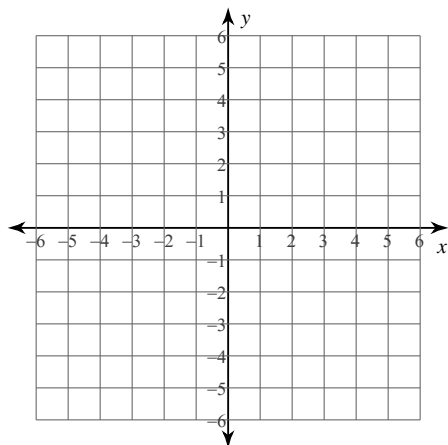
13)  $y = x + 5$



**Skill #14--Rewrite into Slope Intercept form then Graph**

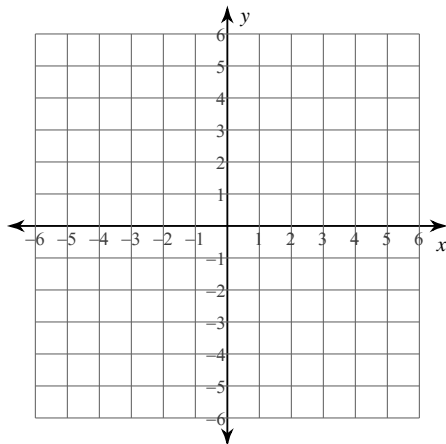
14)  $x - y = 1$

15)  $2x + y = -3$

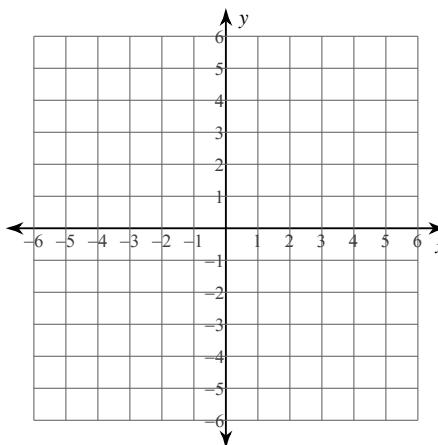


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $0 = -y + 3 + \frac{2}{5}x$

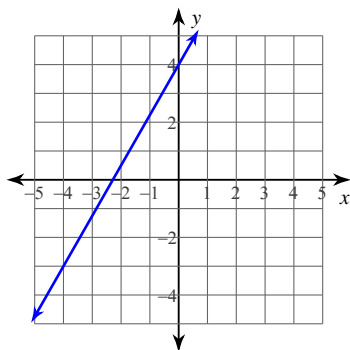


17)  $y - 1 = -x$

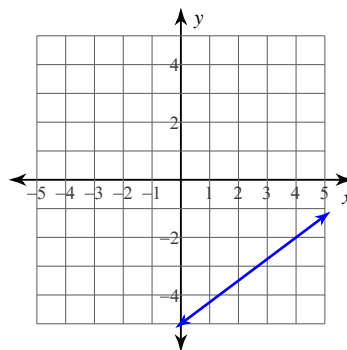


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $\frac{6}{5}$ , y-intercept =  $-3$

21) Slope =  $-\frac{2}{5}$ , y-intercept =  $-2$

**Cummulative Skills Review**

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**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $7m - 3 = 3m + 9$

2)  $2 - 8r = -5r - 13$

**Skill #2--Parentheses--Solve each equation.**

3)  $-4(4 - 2x) = -28 + 8x$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $19 + n = 4(8n - 5) + 8n$

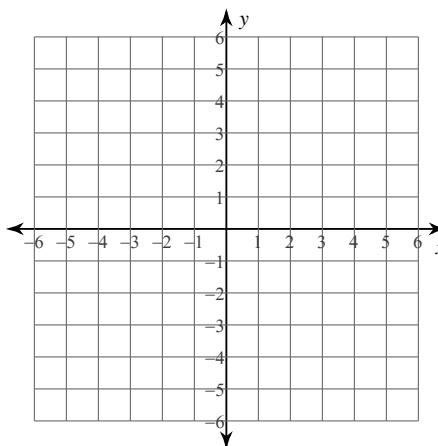
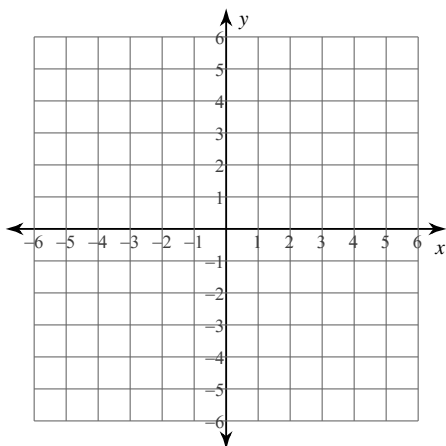
**Evaluate.**

5)  $y \div 3 - (x^2 - x)$ ; use  $x = 1$ , and  $y = 3$

**Skill #7--Generate a Table of Values and then Graph the Line.**

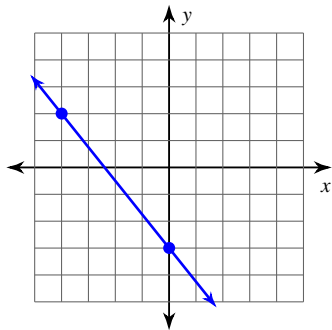
6)  $6x - 5y = 10$

7)  $5x - y = 0$

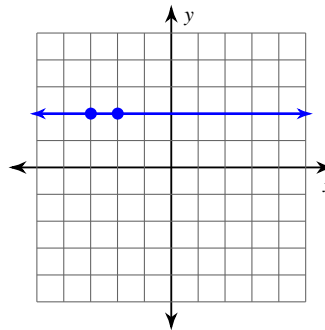


**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

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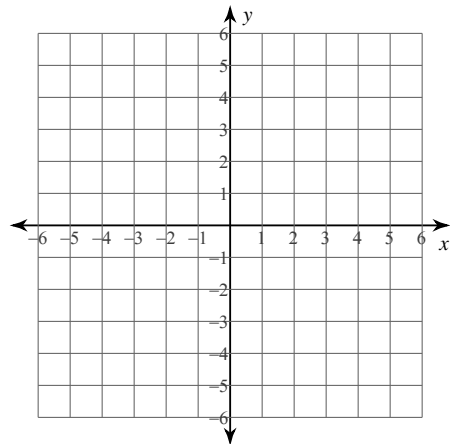
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(-20, -11), (-6, 9)$

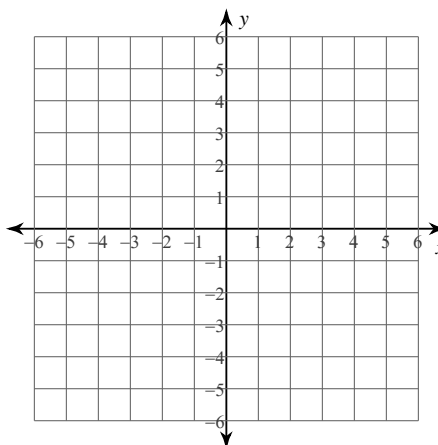
11)  $(17, 19), (12, 11)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = \frac{1}{3}x - 3$

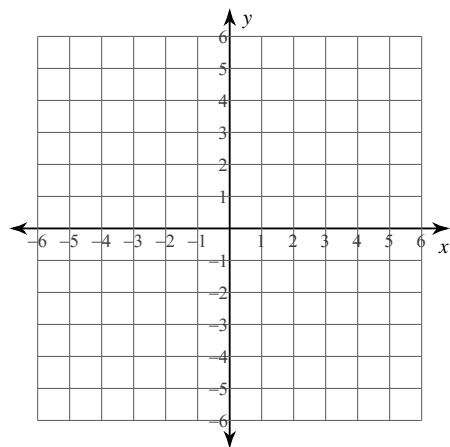


13)  $y = x - 1$

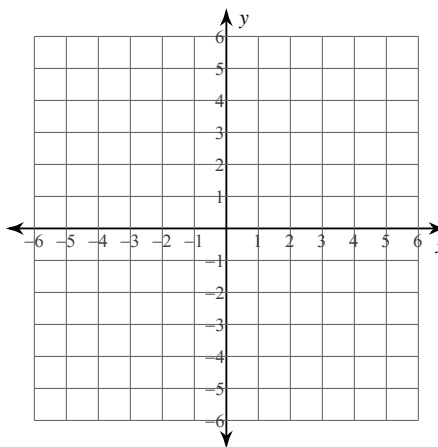


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $x - 2y = -2$



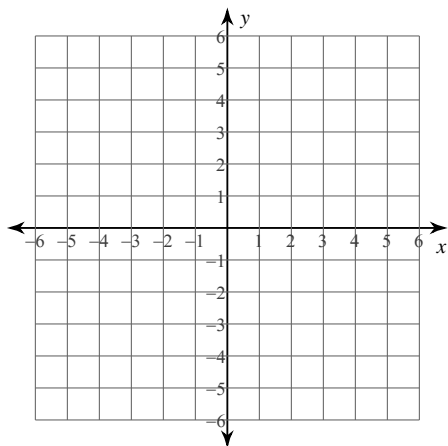
15)  $3x + 2y = 4$



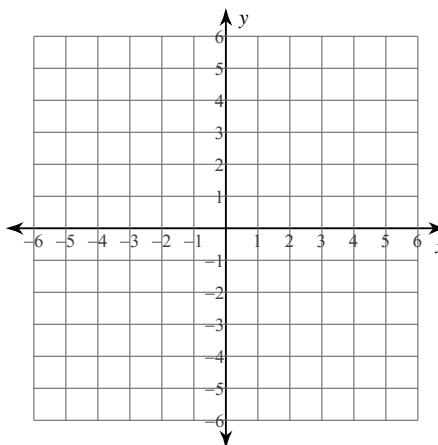


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $-2 - x = -\frac{2}{5}y$

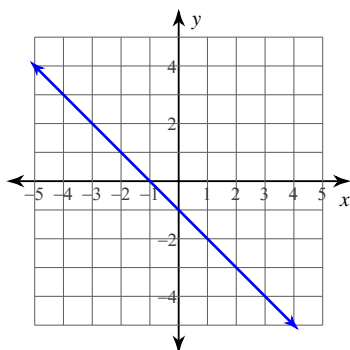


17)  $0 = 6x + 5y + 25$

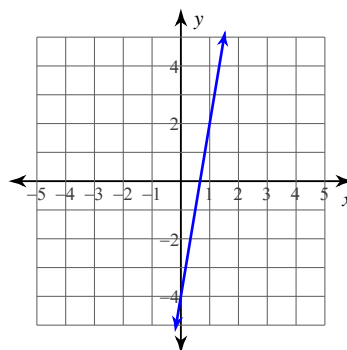


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope = 2, y-intercept = 2

21) Slope =  $\frac{3}{5}$ , y-intercept = 0

**Cummulative Skills Review**

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**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $-13 + 6b = 8b + 3$

2)  $v - 5v = 16 + 5 - 6v - 5$

**Skill #2--Parentheses--Solve each equation.**

3)  $8(8x + 7) = -8x - 8(-1 - 3x)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $-17 - 5x = 4(4 + 7x)$

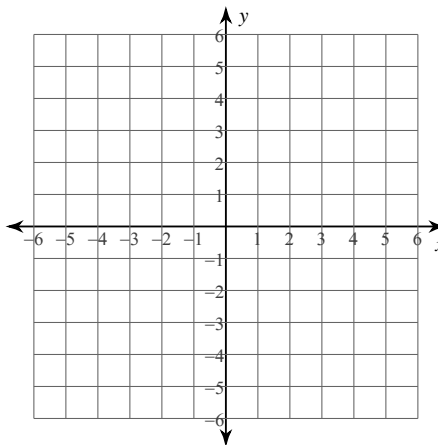
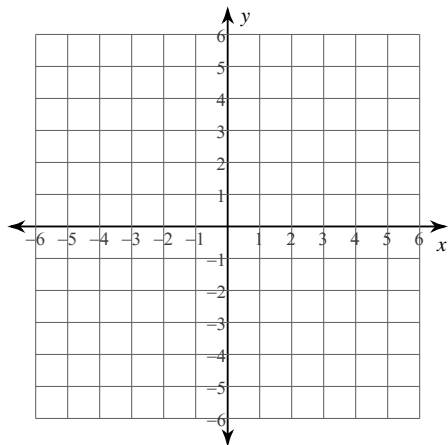
**Evaluate.**

5)  $y^3 - (y + x \div 2)$ ; use  $x = 2$ , and  $y = 2$

**Skill #7--Generate a Table of Values and then Graph the Line.**

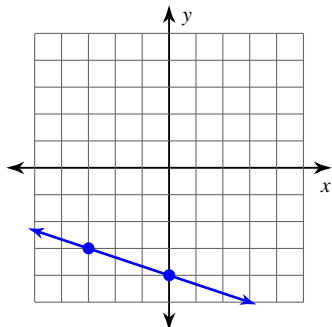
6)  $4x - y = -1$

7)  $6x - 5y = -20$

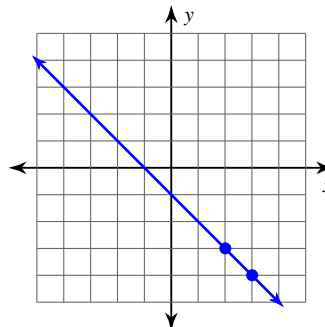


**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

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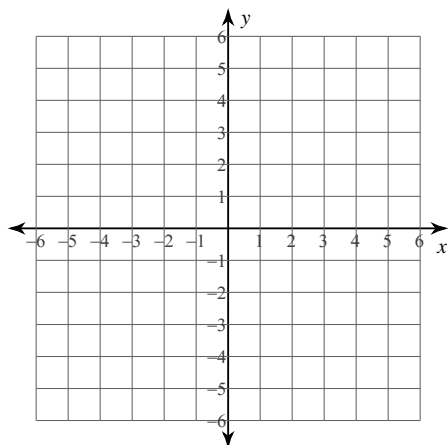
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(13, 11), (14, 9)$

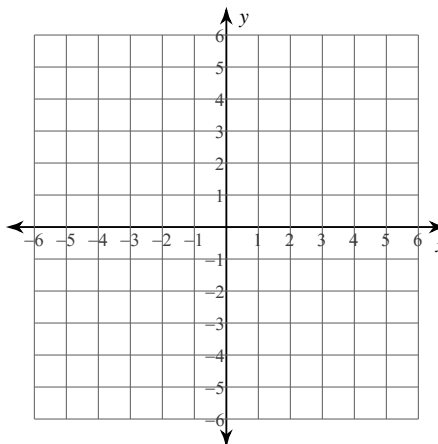
11)  $(0, -10), (4, -8)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = x + 3$

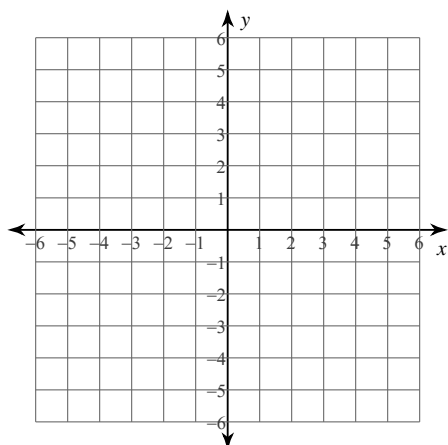


13)  $y = \frac{4}{5}x + 1$

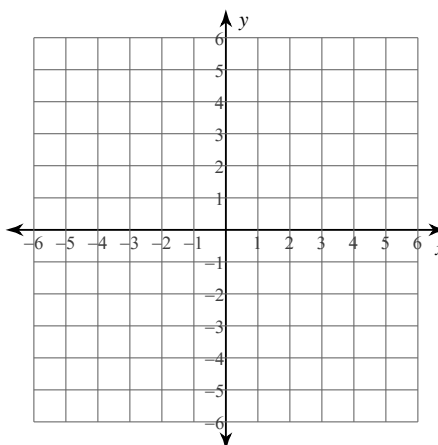


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $3x - y = -4$

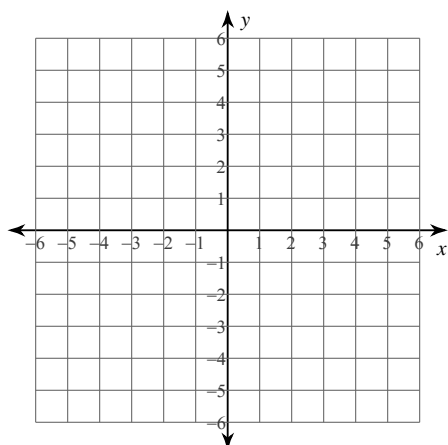


15)  $3x + y = -5$

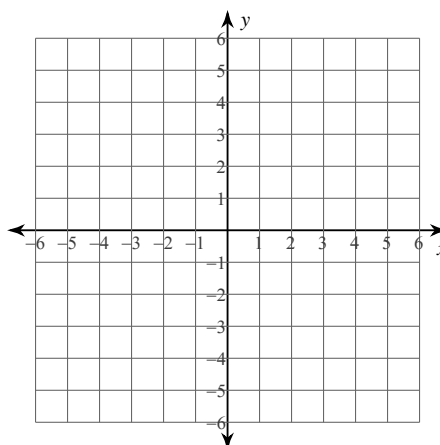


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $-y - 1 = 6x$

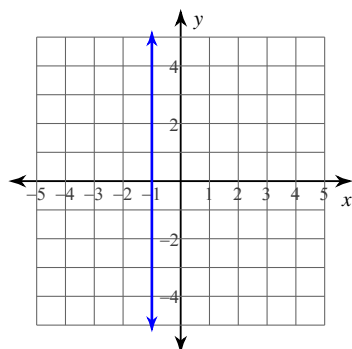


17)  $-3y + 7x - 9 = 0$

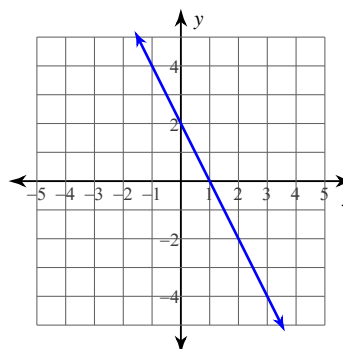


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

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19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $\frac{8}{5}$ , y-intercept = 5

21) Slope = 4, y-intercept = 4

**Cummulative Skills Review**

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**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $5n + 7 + 8n = -7 + n - 7 + 5n$

2)  $2m - 8 = m - 8$

**Skill #2--Parentheses--Solve each equation.**

3)  $-4(3p + 1) + 6(p + 2) = -3p + p$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $7x + 14 = 4(1 + 3x)$

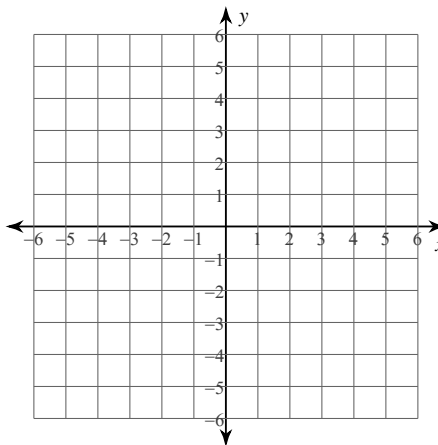
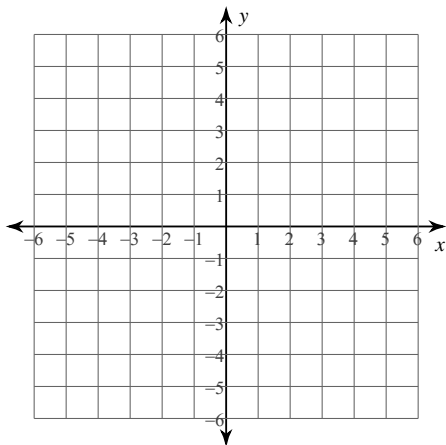
**Evaluate.**

5)  $n + n - (m^2 + m)$ ; use  $m = 2$ , and  $n = 6$

**Skill #7--Generate a Table of Values and then Graph the Line.**

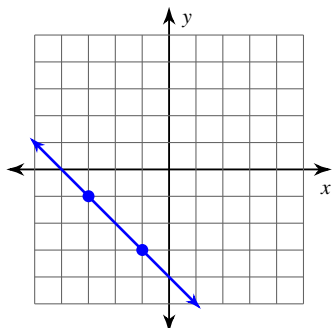
6)  $x + y = 5$

7)  $3x + y = -5$

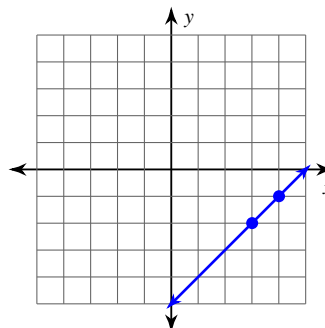


**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

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**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

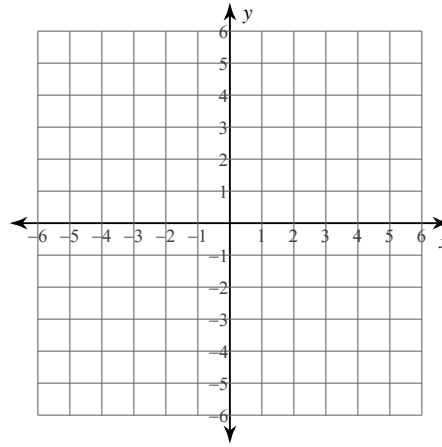
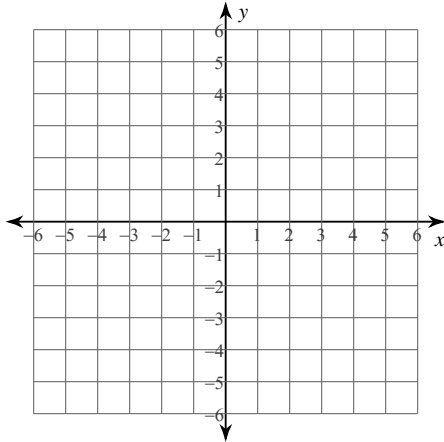
10)  $(-7, 12), (-12, 14)$

11)  $(6, -8), (-3, 0)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -\frac{9}{2}x + 4$

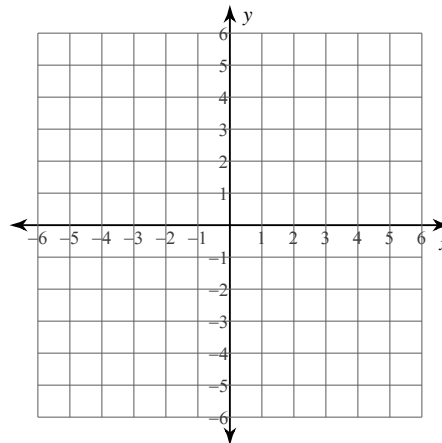
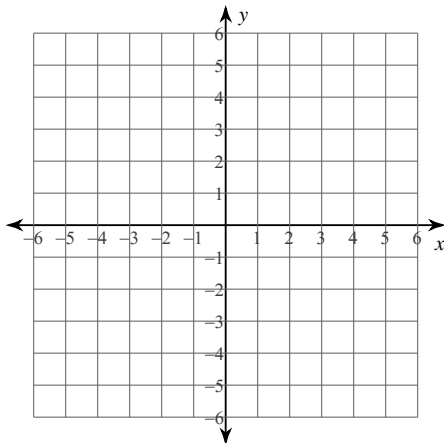
13)  $y = -3x - 5$



**Skill #14--Rewrite into Slope Intercept form then Graph**

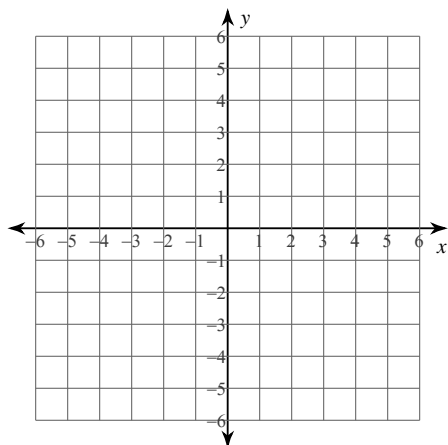
14)  $x + 5y = -15$

15)  $2x + y = -2$

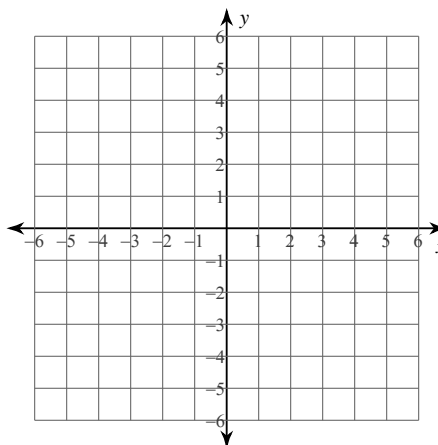


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $5y - 10 = -4x$

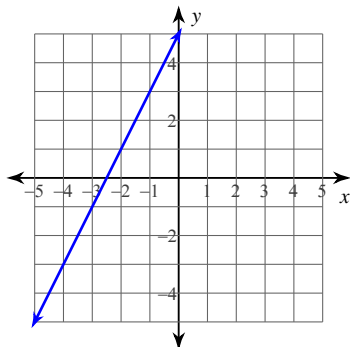


17)  $y = x$

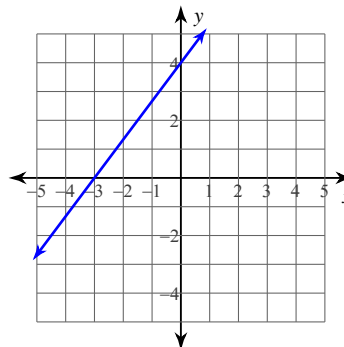


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

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**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope = 1, y-intercept = -4

21) Slope = -1, y-intercept = -2

**Cummulative Skills Review**

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**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $-5 - 8b = b + 2 - 8b$

2)  $6 - n + 5 = 7 + 4n - 4n$

**Skill #2--Parentheses--Solve each equation.**

3)  $3(v + 4) = -5v + 6(-2v - 8)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $8 - 4x = -8x - 4(-7x - 2)$

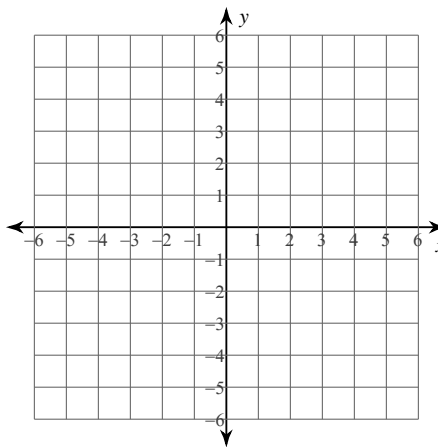
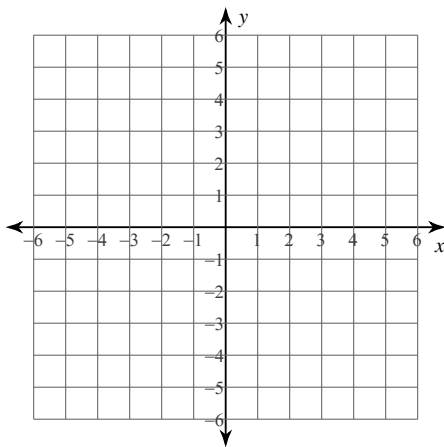
**Evaluate.**

5)  $xz - x + 6 + y$ ; use  $x = 3$ ,  $y = 5$ , and  $z = 6$

**Skill #7--Generate a Table of Values and then Graph the Line.**

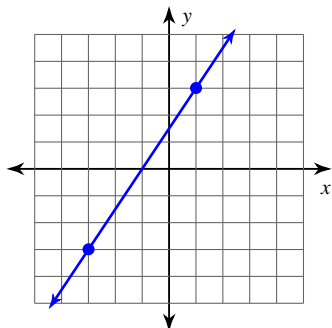
6)  $4x + 5y = -5$

7)  $x - y = 3$

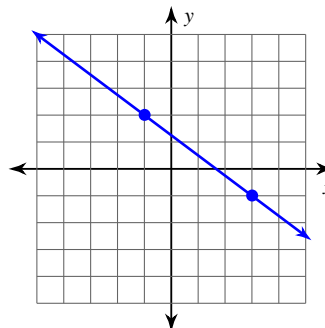


**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)





**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

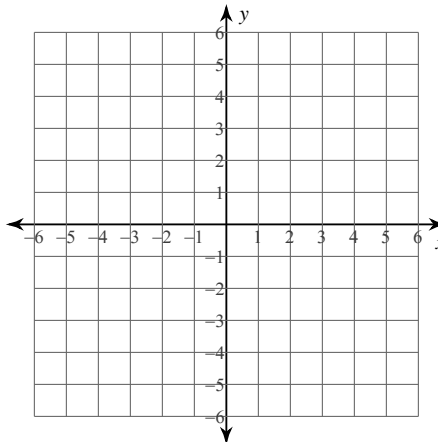
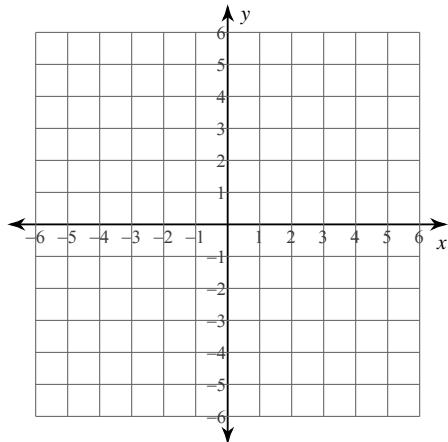
10)  $(18, -8), (18, -20)$

11)  $(-11, 4), (7, 19)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -\frac{1}{2}x - 3$

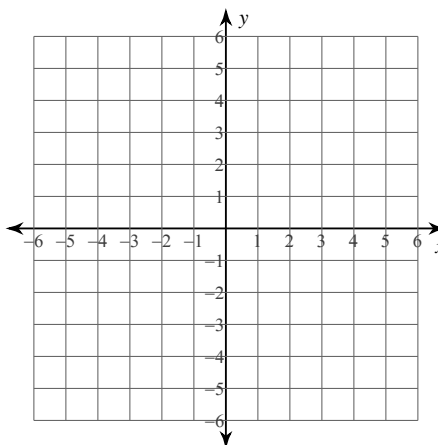
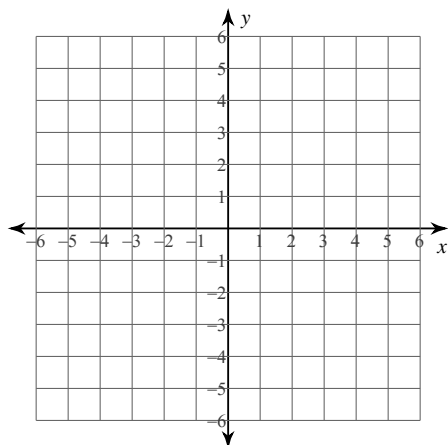
13)  $y = \frac{2}{3}x - 2$



**Skill #14--Rewrite into Slope Intercept form then Graph**

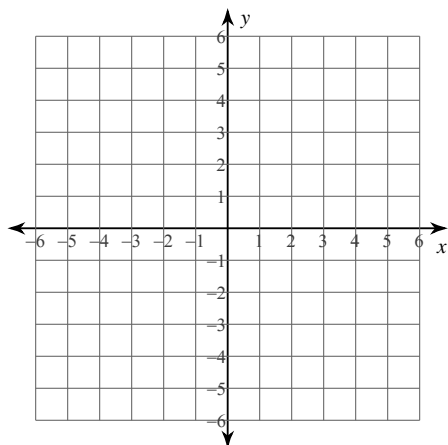
14)  $2x - 5y = 0$

15)  $x - 4y = -8$

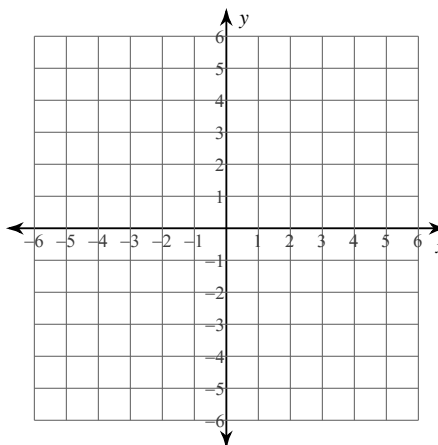


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $2y + 10 = -7x$

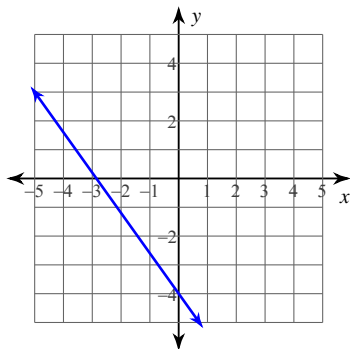


17)  $3x + 3y = 9$

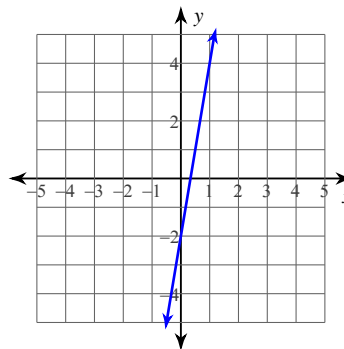


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $-\frac{4}{3}$ , y-intercept = 0

21) Slope =  $\frac{4}{5}$ , y-intercept = 1

**Cummulative Skills Review**

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**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $-1 + 7x = 5 + 6x$

2)  $4a + 16 = 8a + 8$

**Skill #2--Parentheses--Solve each equation.**

3)  $2k + 6(4 + k) = 4(4k - 6)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $-4(3p - 7) = 4 - 8p$

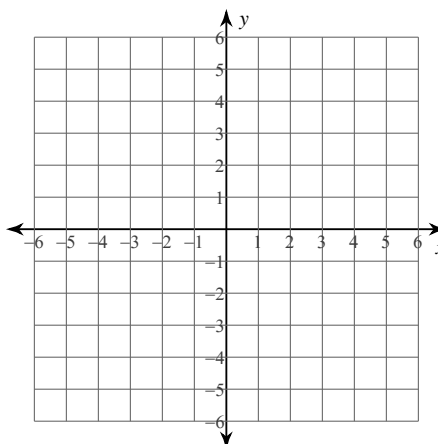
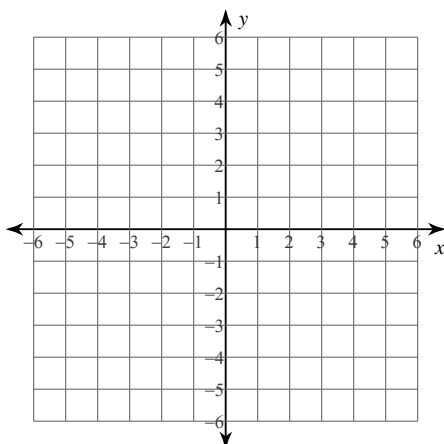
**Evaluate.**

5)  $j + j(h - 4 \div 4)$ ; use  $h = 3$ , and  $j = 3$

**Skill #7--Generate a Table of Values and then Graph the Line.**

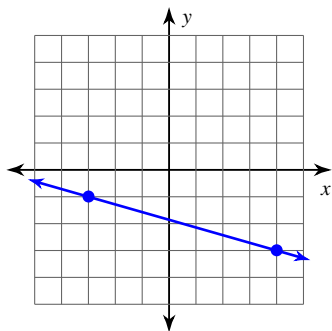
6)  $3x - y = -2$

7)  $x + y = 1$

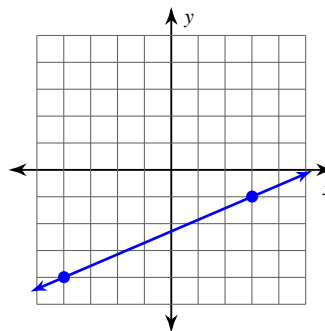


**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)



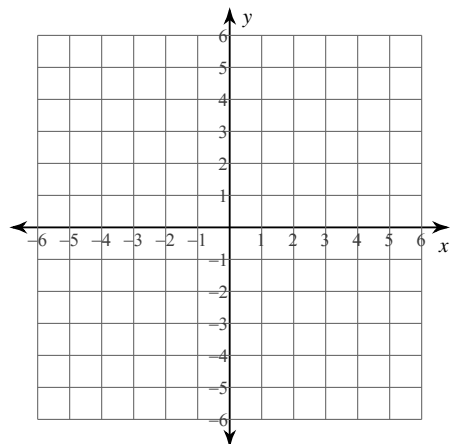
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(-18, -15), (14, 12)$

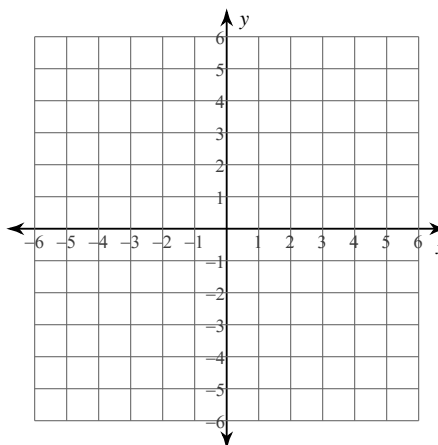
11)  $(10, 5), (4, -15)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -\frac{1}{2}x + 2$

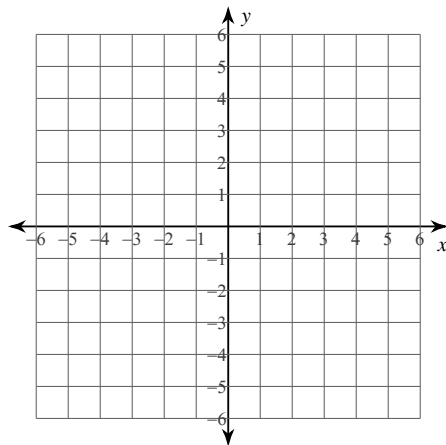


13)  $y = 2x$

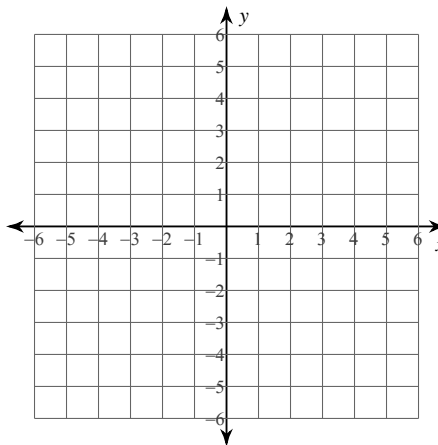


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $y = 4$

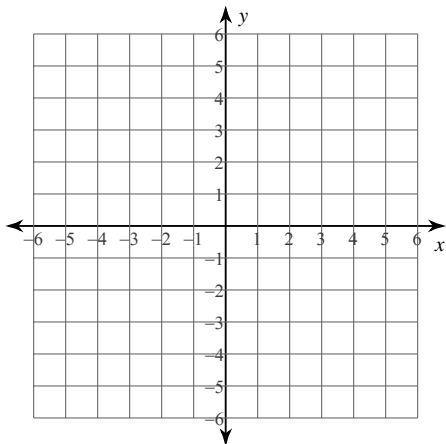


15)  $x = 0$

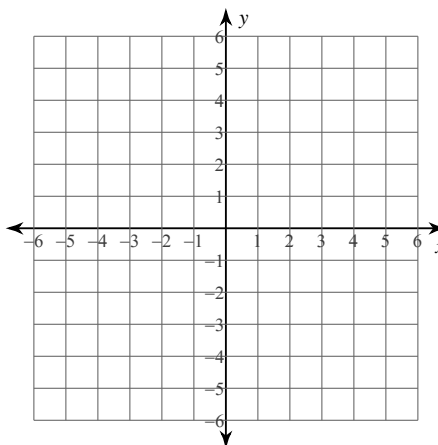


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $y - \frac{1}{3}x = -4$

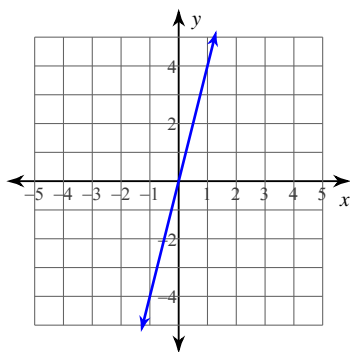


17)  $-2y - 4 = 2x$

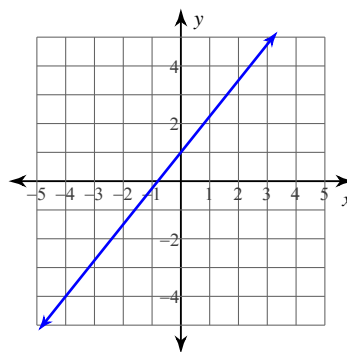


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $-\frac{5}{3}$ , y-intercept = 3

21) Slope =  $\frac{7}{2}$ , y-intercept = 5

**Cummulative Skills Review**

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**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $-6n + 12 = -3n + 3$

2)  $6x + 8 - 3 = -2 + 5 + 7x + 2$

**Skill #2--Parentheses--Solve each equation.**

3)  $-8(b - 1) = 8b - 7(b + 4)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $28 - 3r = -4(4r + 6)$

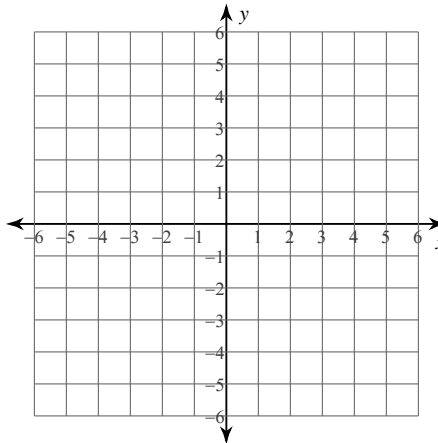
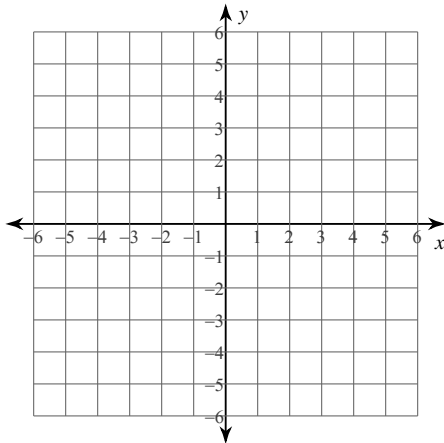
**Evaluate.**

5)  $b \div 3 + a \div 6 + b$ ; use  $a = 6$ , and  $b = 3$

**Skill #7--Generate a Table of Values and then Graph the Line.**

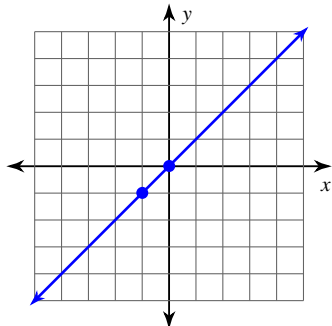
6)  $x - 3y = -12$

7)  $8x - 5y = 25$

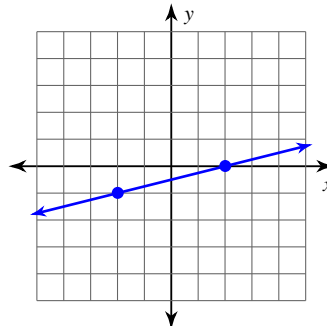


**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)



**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

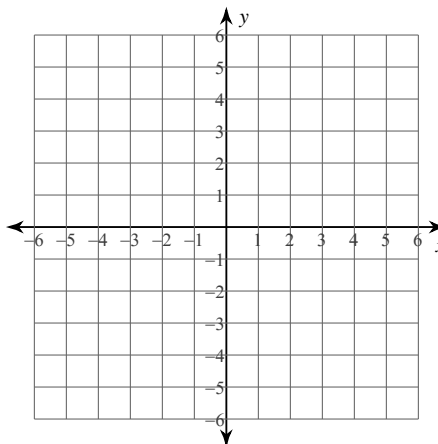
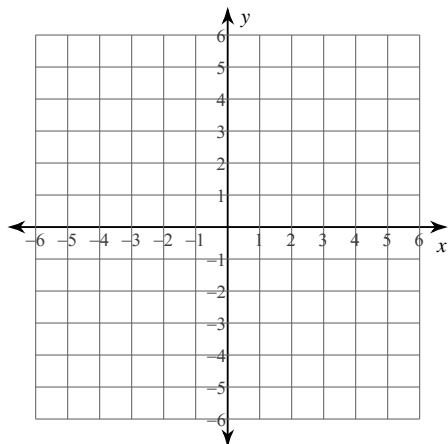
10)  $(6, -3), (6, 6)$

11)  $(3, -14), (-3, 16)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -\frac{9}{2}x + 5$

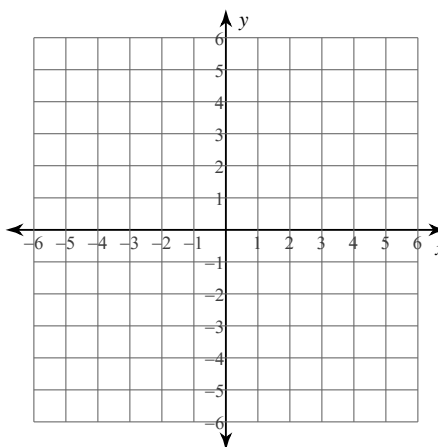
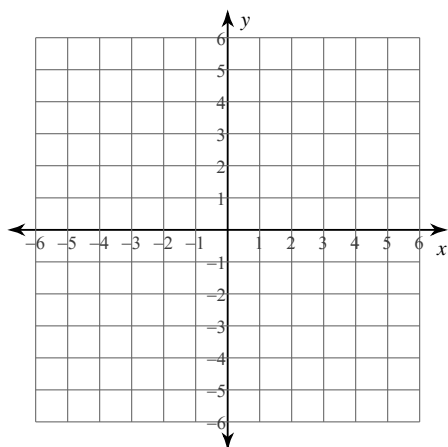
13)  $y = \frac{8}{5}x + 4$



**Skill #14--Rewrite into Slope Intercept form then Graph**

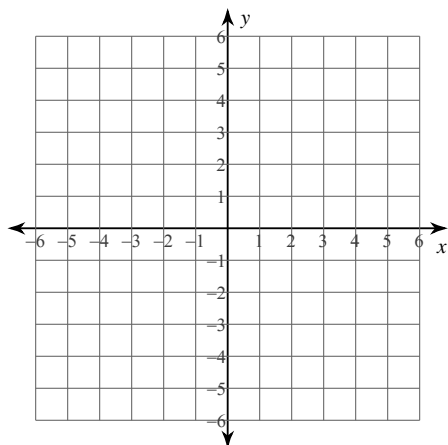
14)  $x + 5y = -10$

15)  $x + y = -4$

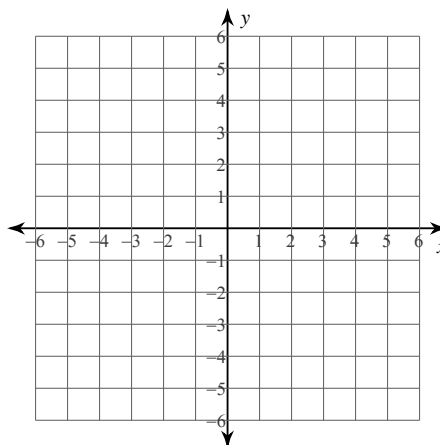


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $y + x + 1 = 0$

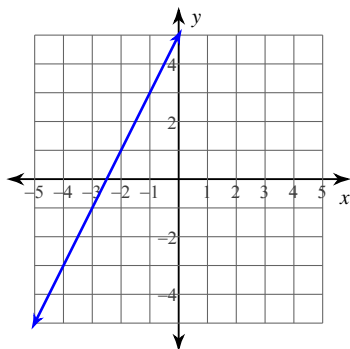


17)  $-3x - 6 + 6y = 0$

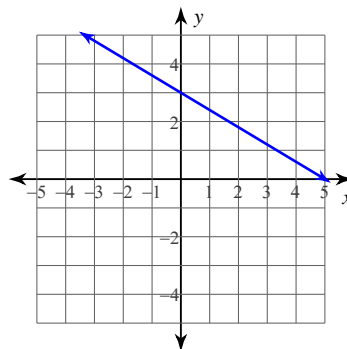


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $-2$ , y-intercept =  $-5$

21) Slope =  $\frac{5}{4}$ , y-intercept =  $-3$



**Cummulative Skills Review**

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**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $1 - 7n - 7n = 8n + 1$

2)  $-4x + 14 = 8 - 3x$

**Skill #2--Parentheses--Solve each equation.**

3)  $-2(-4 - 4a) = -4(-3 - a)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $-7k - 4(7k + 1) = -37 - 2k$

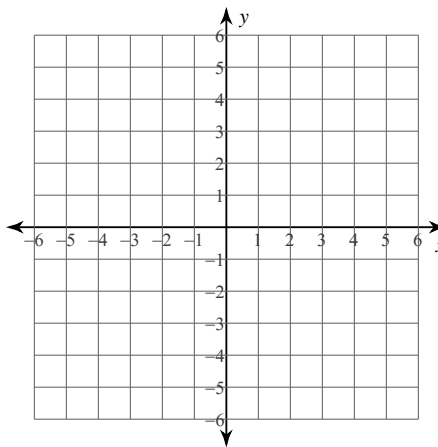
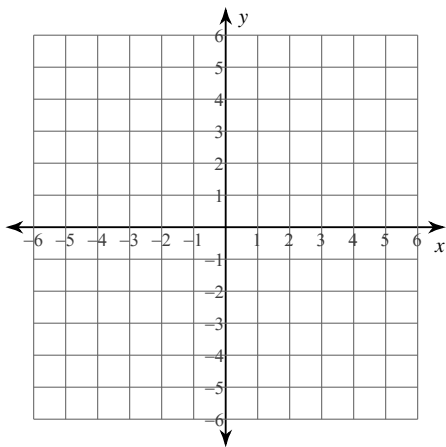
**Evaluate.**

5)  $(x + (2y)^2) \div 2$ ; use  $x = 6$ , and  $y = 2$

**Skill #7--Generate a Table of Values and then Graph the Line.**

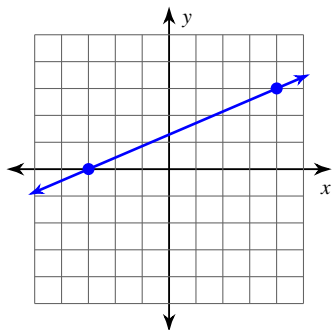
6)  $x + y = -3$

7)  $x - 2y = 4$

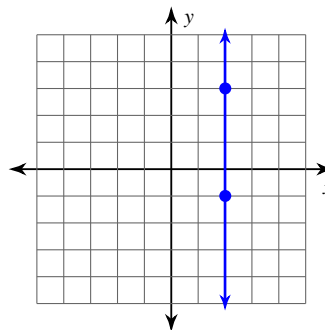


**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)



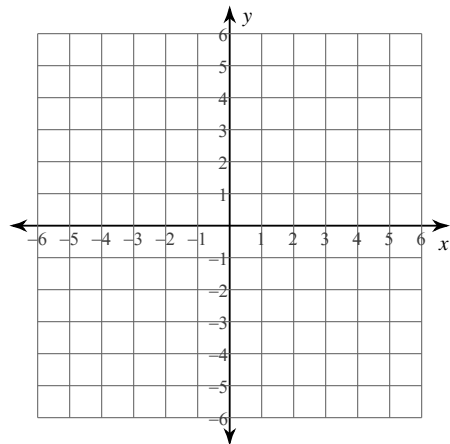
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(-1, 19), (-11, 15)$

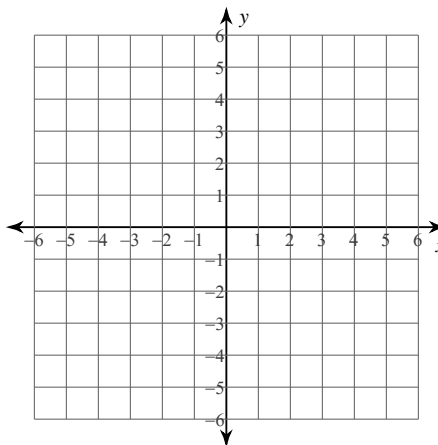
11)  $(-14, -2), (-20, -3)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -\frac{3}{4}x - 2$

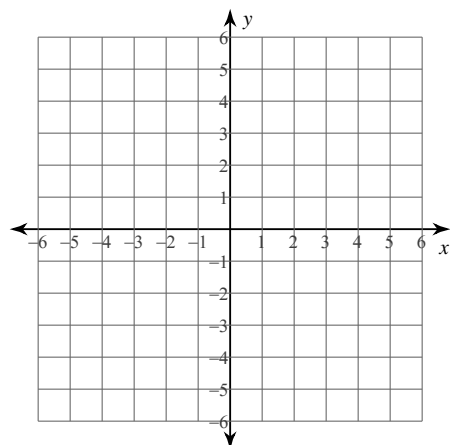


13)  $y = 3x - 4$

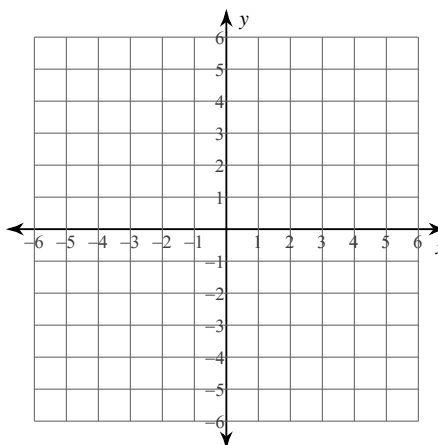


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $6x + y = 1$

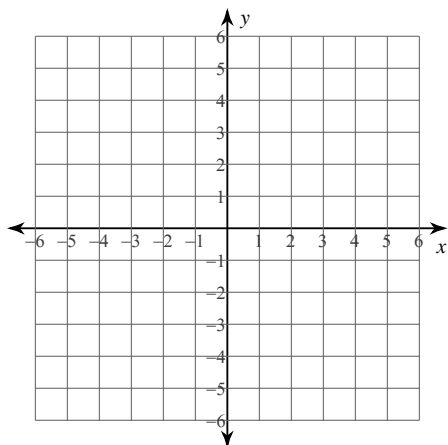


15)  $2x - 3y = 3$

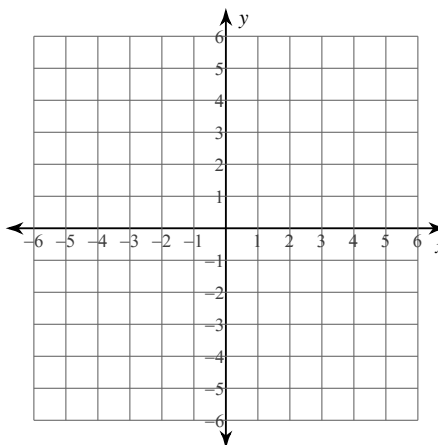


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $-x = -4y + 12$

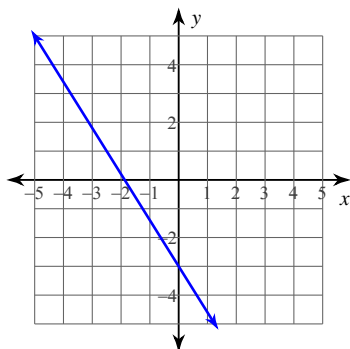


17)  $x = -2y + 8$

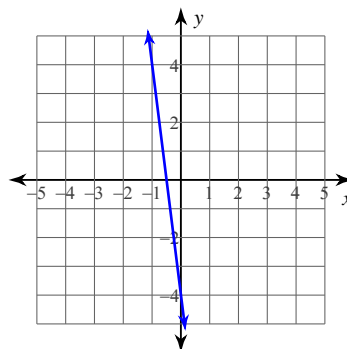


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope = 2, y-intercept = 1

21) Slope = -4, y-intercept = -1

## Cumulative Skills Review

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $-8 - 6x = 2 - 2 - 7x - 5$

2)  $4p - 7 = 9 + 2p$

**Skill #2--Parentheses--Solve each equation.**

3)  $2(-4 - 8n) = -8(1 - 2n)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $-3(m - 1) = 27 + 5m$

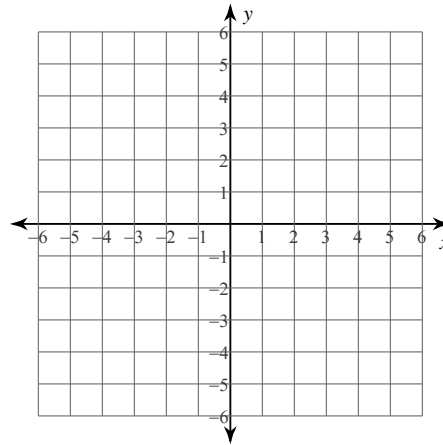
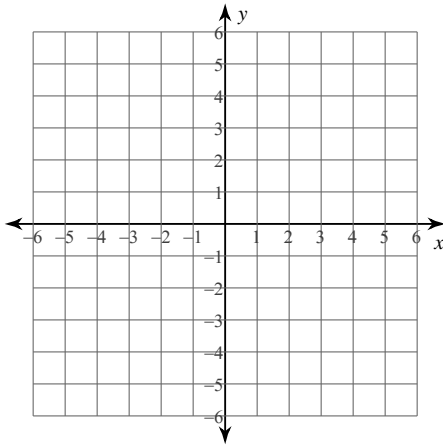
**Evaluate.**

5)  $q((q \div 6)^3 + p)$ ; use  $p = 1$ , and  $q = 6$

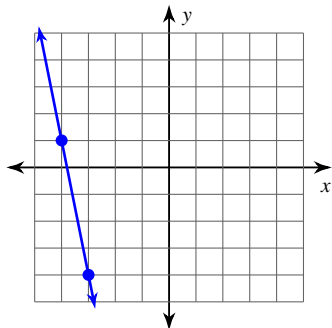
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $2x + 3y = 6$

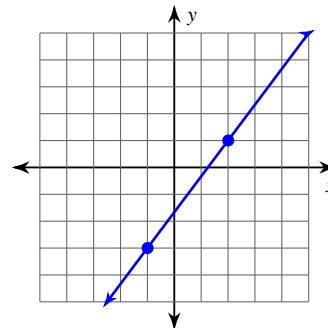
7)  $x - 4y = 0$

**Skill #8--Find the Slope of the Line using Slope Triangles.**

8)



9)



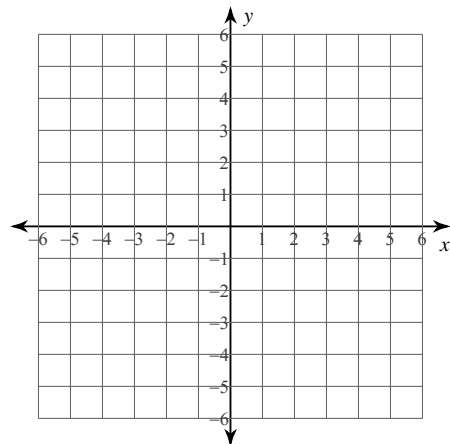
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(-17, -9), (-18, 5)$

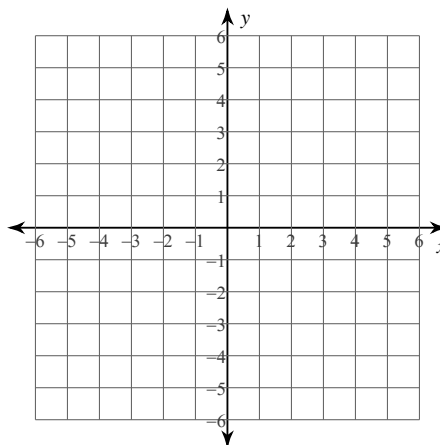
11)  $(20, 20), (13, 19)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = \frac{4}{5}x$

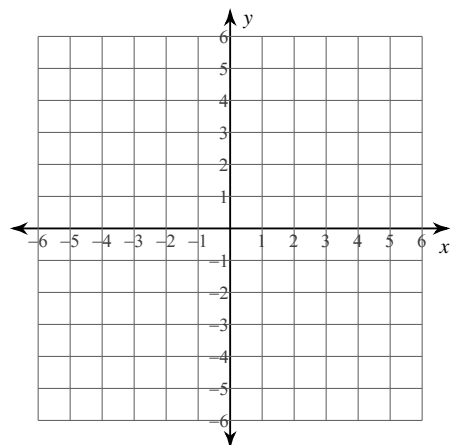


13)  $y = 1$

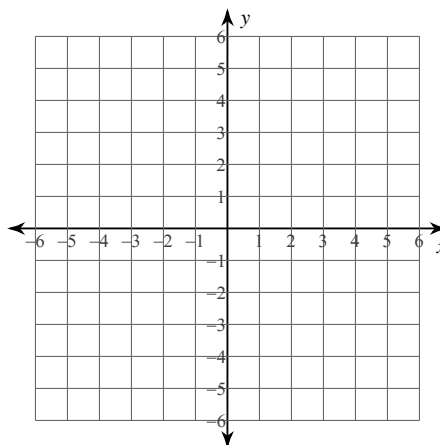


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $x = 2$

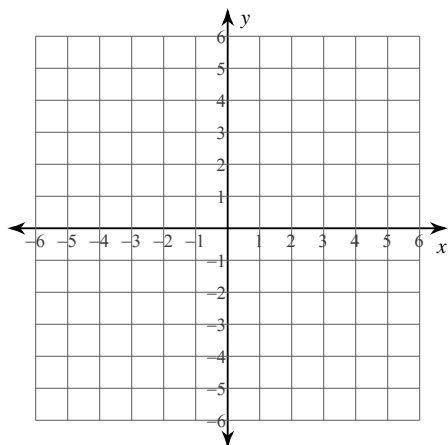


15)  $y = 3$

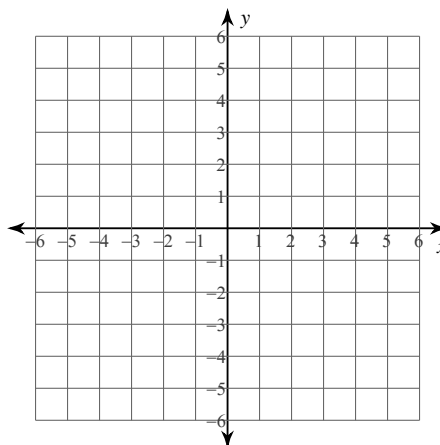


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $3y - x = -9$

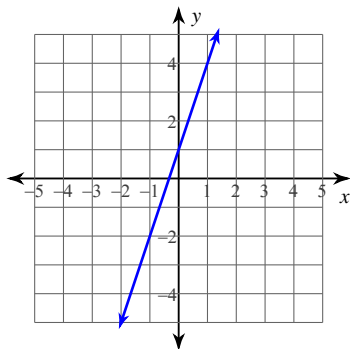


17)  $0 = -5 + x - y$

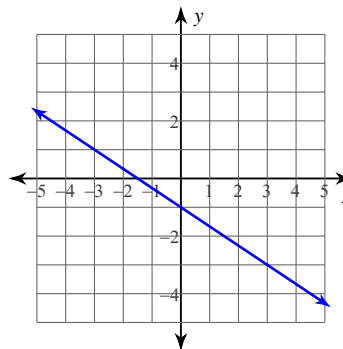


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $-\frac{4}{3}$ , y-intercept = 4

21) Slope = 1, y-intercept = 2

## Cumulative Skills Review

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $-6 - 3x = -7x + 6$

2)  $-4r + 6r = 2r + 4$

**Skill #2--Parentheses--Solve each equation.**

3)  $-(n + 5) = 5(n - 1)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $5a + 40 = -3 - 3(-8 - 8a)$

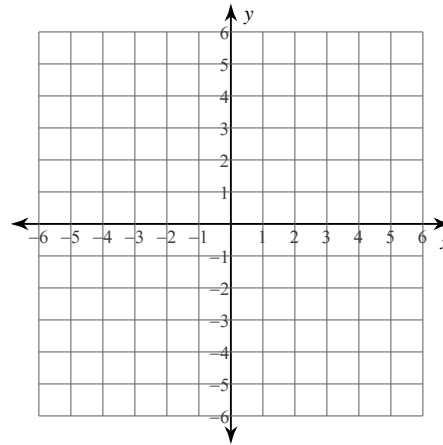
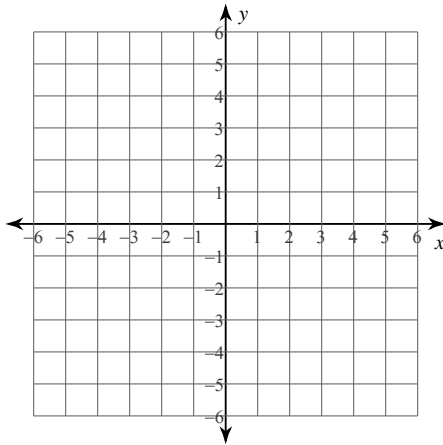
**Evaluate.**

5)  $x + 6 + (x + y) \div 6$ ; use  $x = 1$ , and  $y = 5$

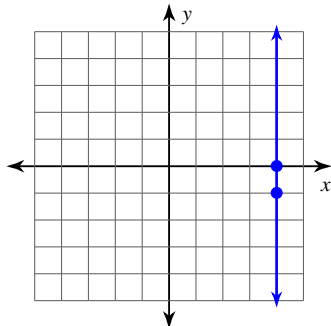
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $x - y = -3$

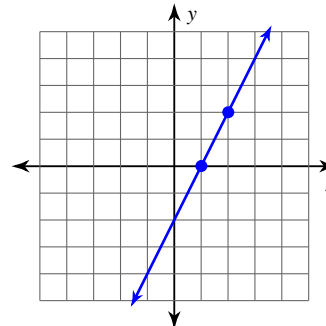
7)  $x - 3y = -15$

**Skill #8--Find the Slope of the Line using Slope Triangles.**

8)



9)



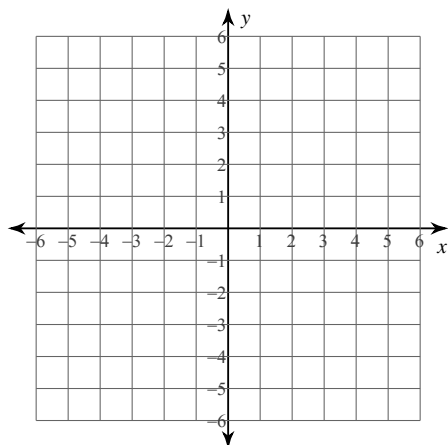
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(4, -9), (-3, 9)$

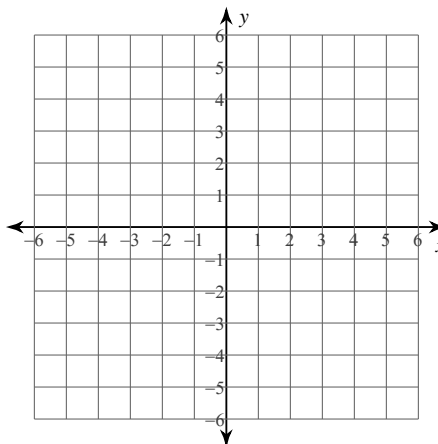
11)  $(16, 12), (6, -14)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = 5x + 2$

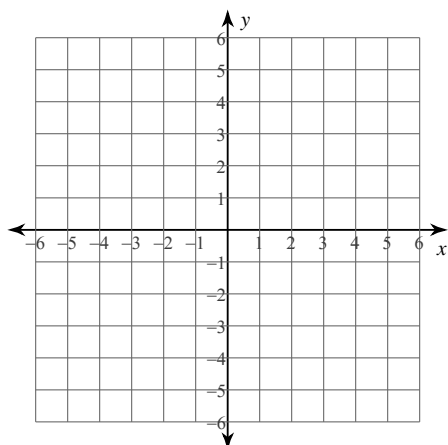


13)  $y = \frac{7}{5}x + 5$

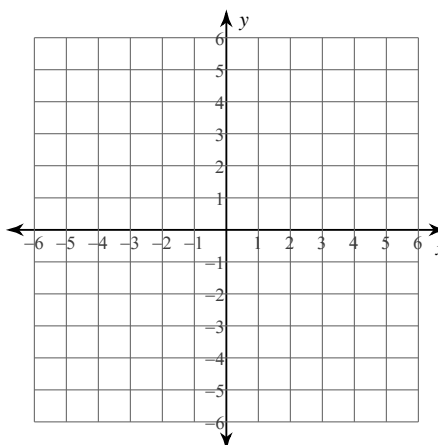


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $2x + y = -3$



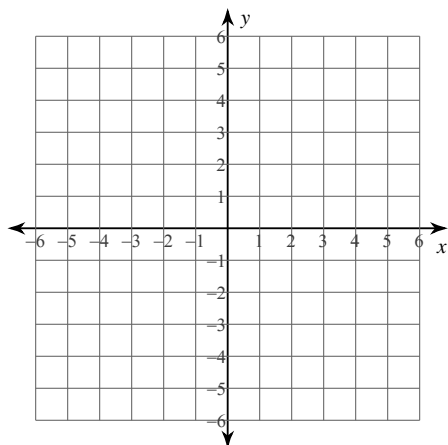
15)  $3x - 2y = 10$



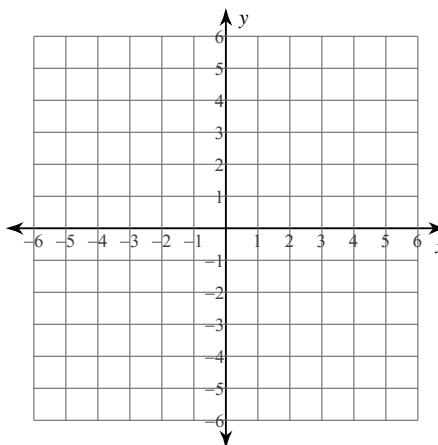


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $0 = -5y - 2x$

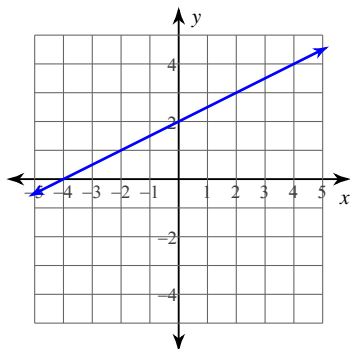


17)  $-6y = 6 + 8x$

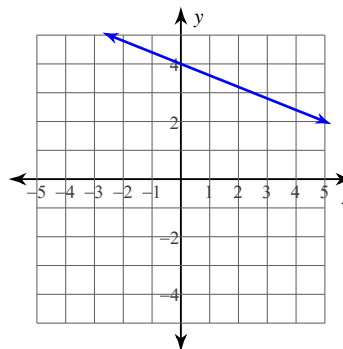


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $-\frac{7}{3}$ , y-intercept =  $-4$

21) Slope =  $-3$ , y-intercept =  $-5$

**Cummulative Skills Review**

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $-14 + k = 7k - 2$

2)  $-6p - p - 9 = -8p - 2p$

**Skill #2--Parentheses--Solve each equation.**

3)  $5(5x + 7) = -2(1 + 2x) + 8$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $-3(-6 + 5n) = -7n - 14$

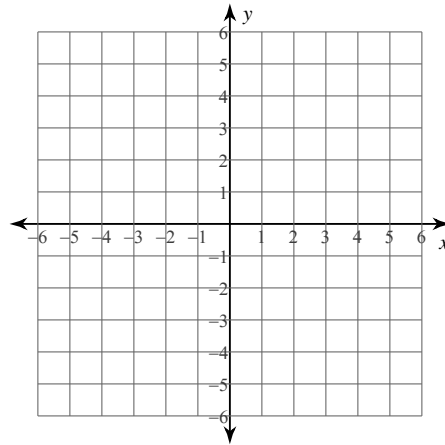
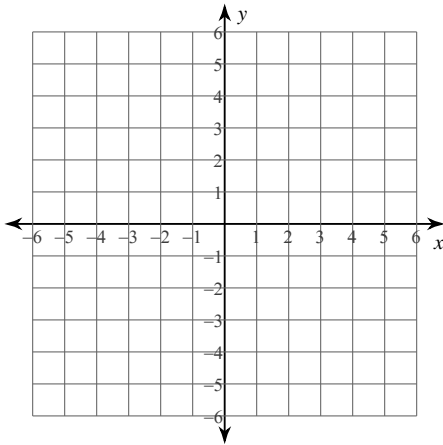
**Evaluate.**

5)  $p^2 + q - (p - q)$ ; use  $p = 3$ , and  $q = 3$

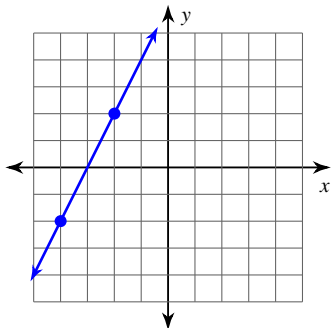
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $x + 2y = -4$

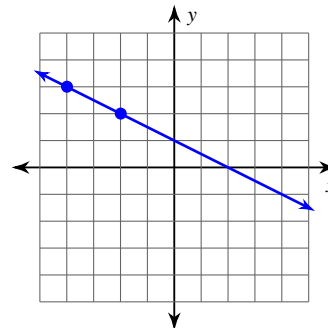
7)  $x + 5y = -25$

**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)



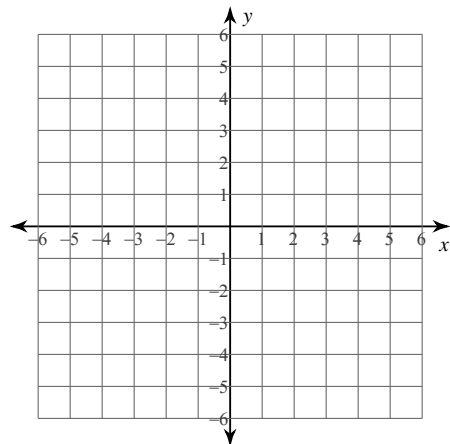
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(9, -16), (-2, 8)$

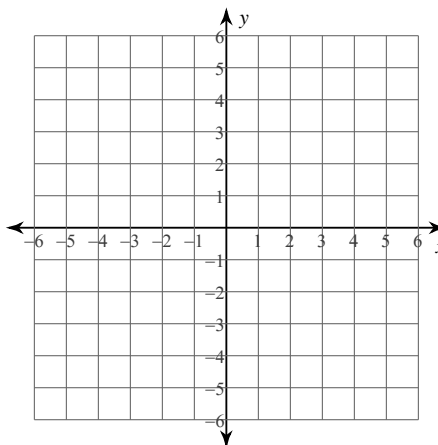
11)  $(-4, 13), (-11, -9)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = \frac{3}{2}x - 5$

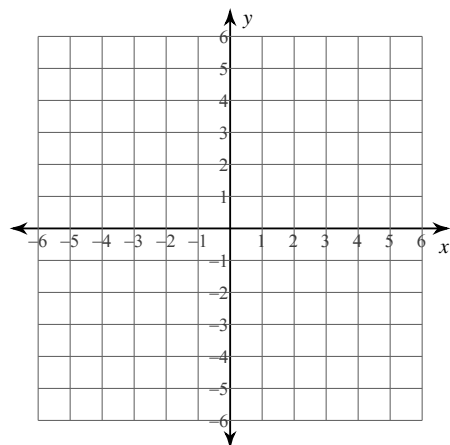


13)  $y = 4x - 3$

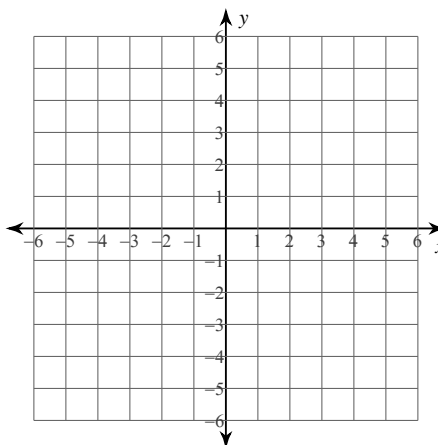


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $x - y = 0$

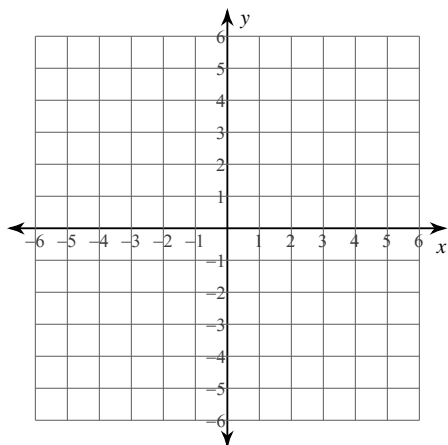


15)  $x + y = -1$

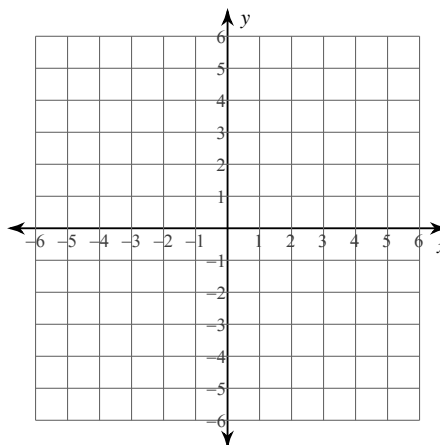


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $-4y + 7x = -16$

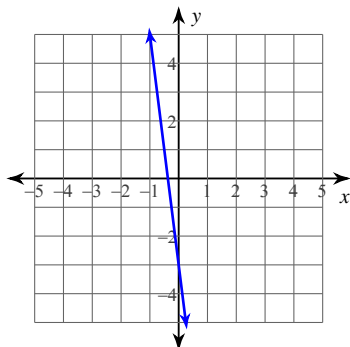


17)  $-2 - x = -y$

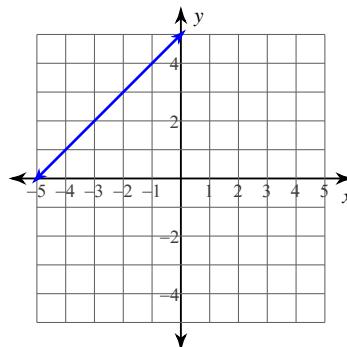


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $\frac{2}{5}$ , y-intercept =  $-2$

21) Slope =  $-3$ , y-intercept =  $0$

## Cumulative Skills Review

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $-8 + 1 - 2r - r = r + 5$

2)  $3m - 4 + m = -4 + 4m$

**Skill #2--Parentheses--Solve each equation.**

3)  $-2(1 - 4x) - 4(x + 7) = 6x + 3x$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $-39 + 7n = 4(4n - 3)$

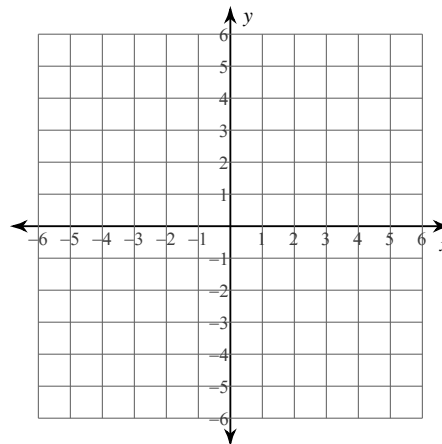
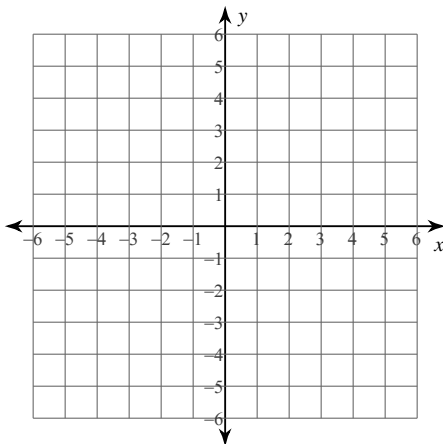
**Evaluate.**

5)  $3 + (m - n) \div 6 + m$ ; use  $m = 3$ , and  $n = 3$

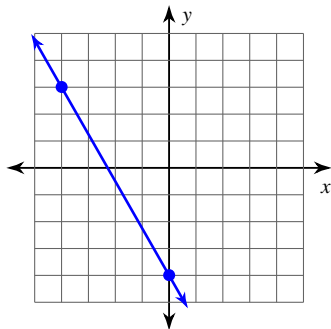
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $6x + 5y = 5$

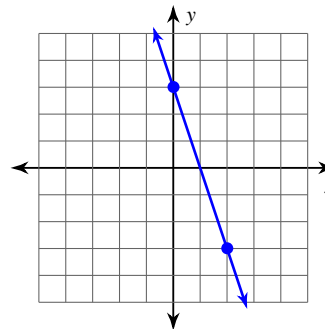
7)  $x - y = 1$

**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)



**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

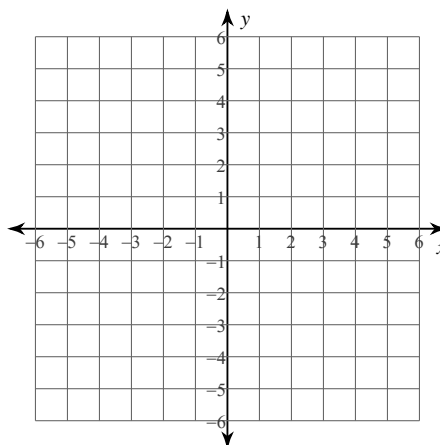
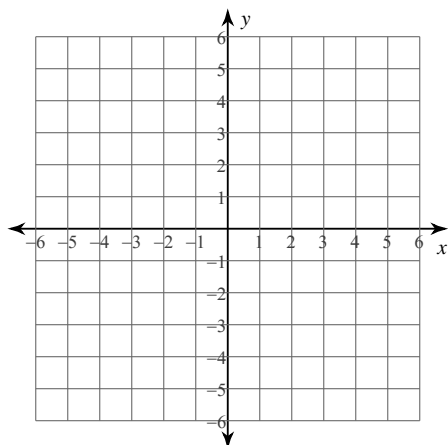
10)  $(-8, 5), (-19, -2)$

11)  $(-20, -15), (13, -19)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -2$

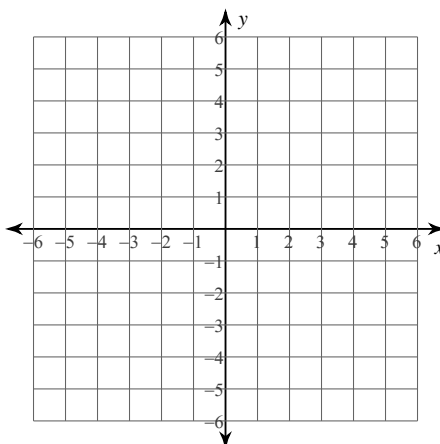
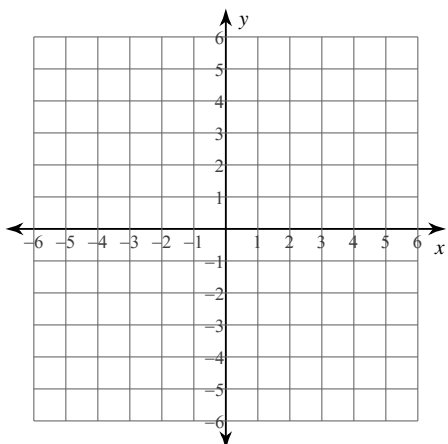
13)  $y = 1$



**Skill #14--Rewrite into Slope Intercept form then Graph**

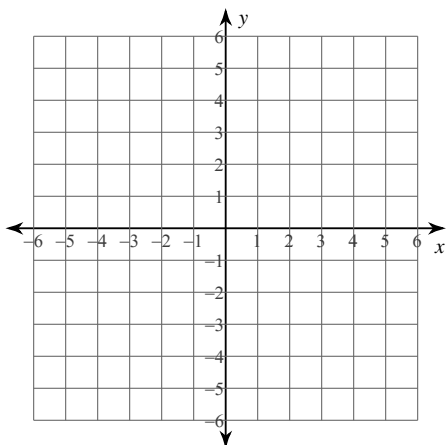
14)  $x = -5$

15)  $x = 4$

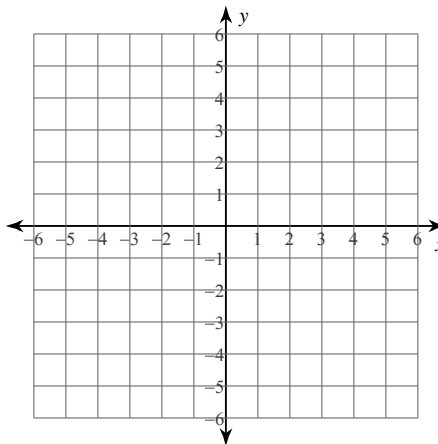


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $0 = 4y - x + 20$

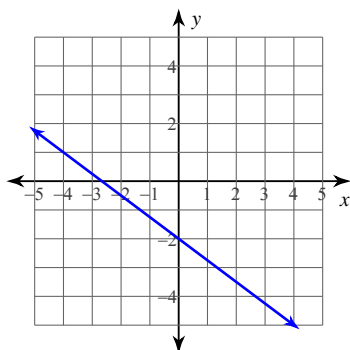


17)  $-1 + \frac{1}{2}x = \frac{1}{4}y$

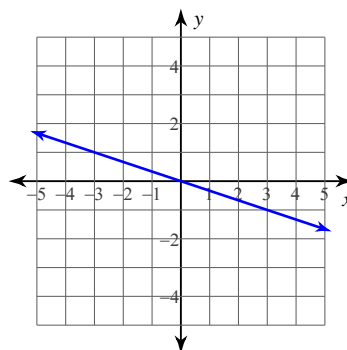


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $-\frac{3}{4}$ , y-intercept = 2

21) Slope =  $\frac{3}{4}$ , y-intercept = 3

## Cumulative Skills Review

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $4 - 2a = 8a - 7a - 2$

2)  $v - 5 - 2v = 2 + 6v$

**Skill #2--Parentheses--Solve each equation.**

3)  $-2(4x - 2) - 4x = 2(-6x - 8)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $6x - 4(x + 5) = 20 + 7x$

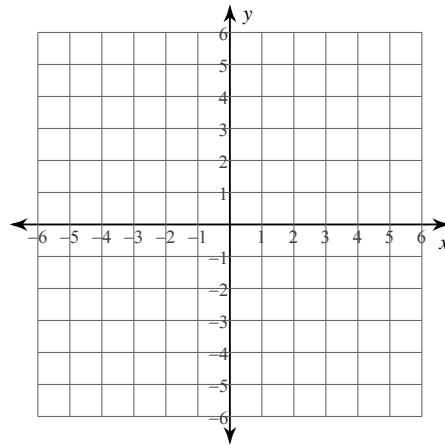
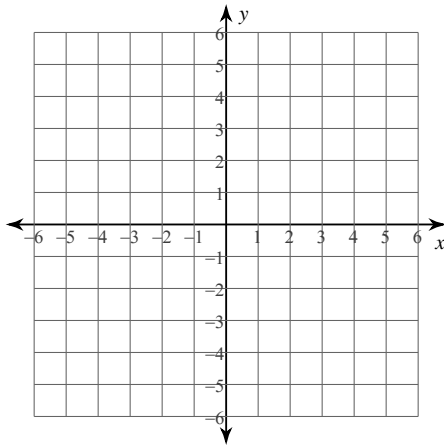
**Evaluate.**

5)  $y - (y + y - x^2)$ ; use  $x = 3$ , and  $y = 6$

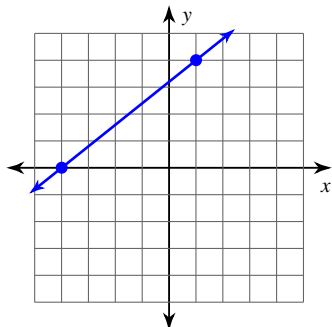
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $9x + y = 4$

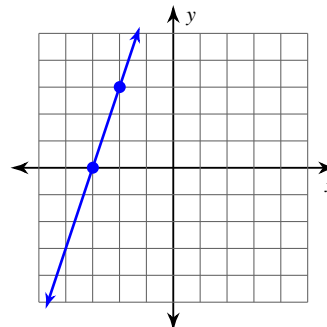
7)  $2x - 5y = -10$

**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)





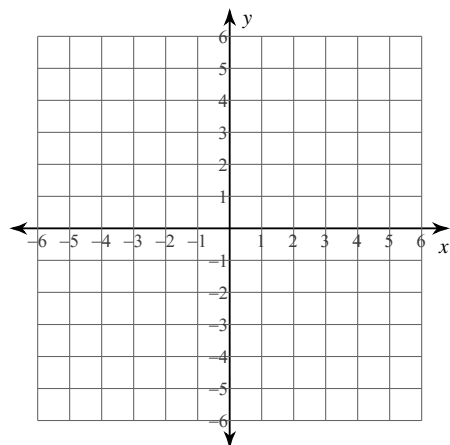
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(13, 6), (6, 6)$

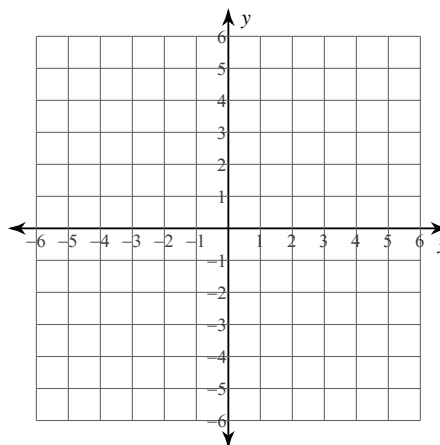
11)  $(-15, -14), (15, 20)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -x + 2$

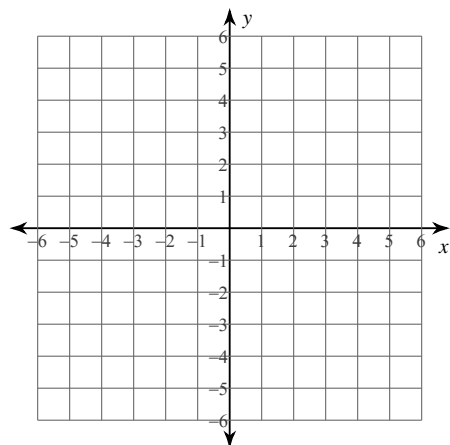


13)  $y = 4x + 3$

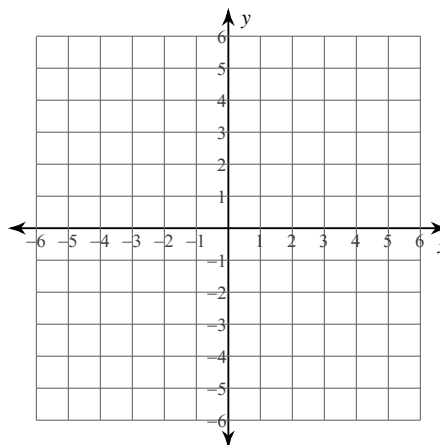


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $x + y = -5$

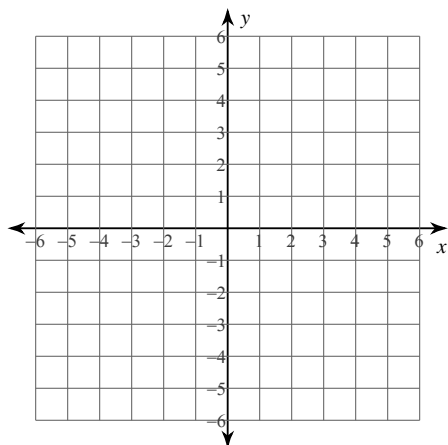


15)  $4x - 3y = 12$

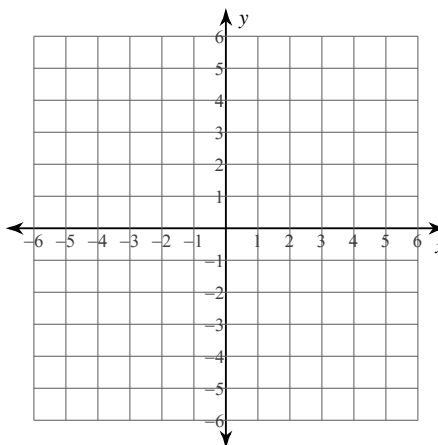


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $-x + 5y = 0$

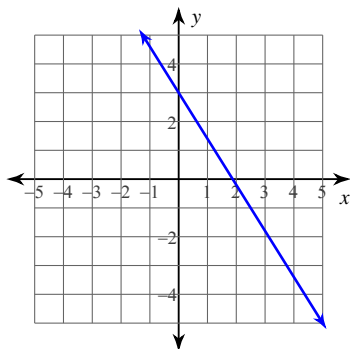


17)  $0 = y + 3x + 2$

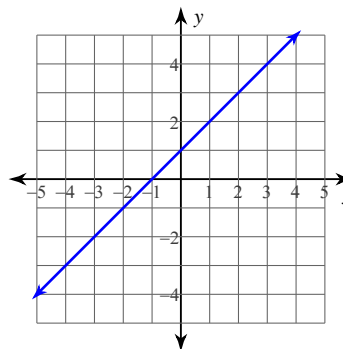


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $-\frac{1}{5}$ , y-intercept = 5

21) Slope = 0, y-intercept = -4

## Cumulative Skills Review

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $4 - n = 4 - n$

2)  $-1 + 5m = 5m - 1$

**Skill #2--Parentheses--Solve each equation.**

3)  $-8(r + 7) = 8 + 6(r + 8)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $22 + 3x = 8(x - 1)$

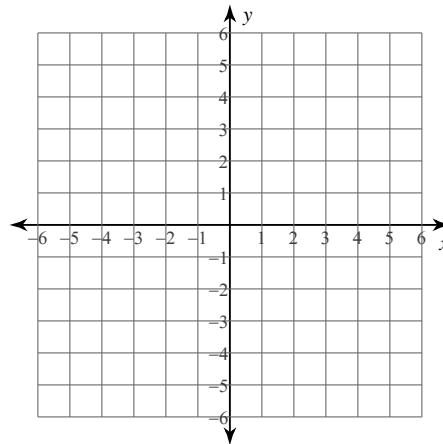
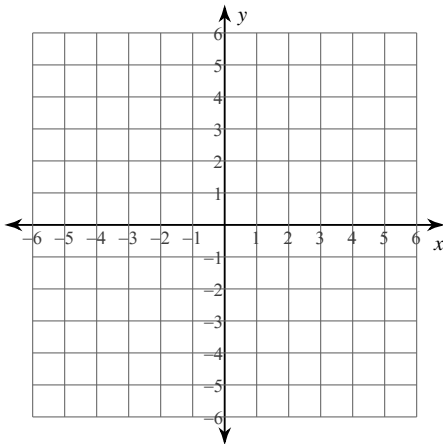
**Evaluate.**

5)  $j - (j - (j - (j - h)))$ ; use  $h = 4$ , and  $j = 6$

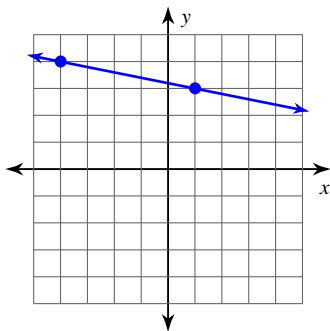
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $2x + 5y = -20$

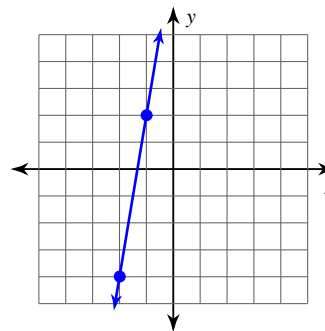
7)  $3x + y = -5$

**Skill #8--Find the Slope of the Line using Slope Triangles.**

8)



9)



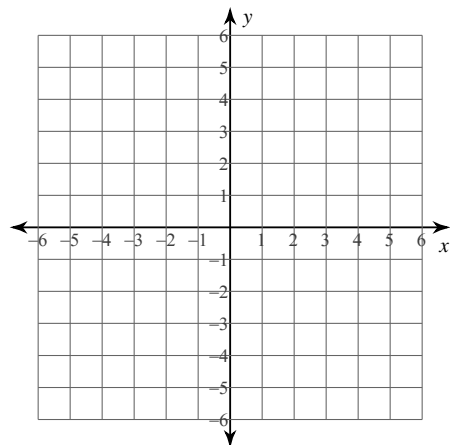
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(10, -1), (-2, 10)$

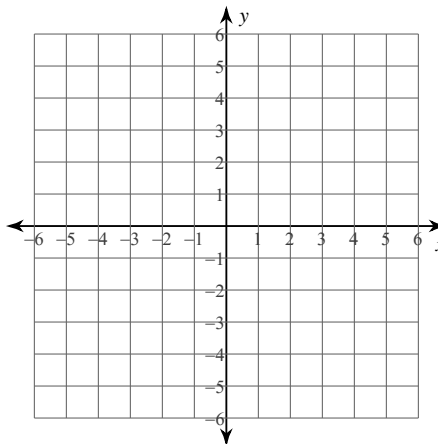
11)  $(6, -13), (-11, -16)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = x + 5$

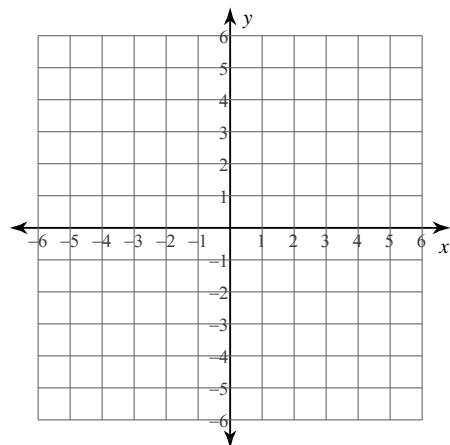


13)  $y = \frac{7}{5}x - 4$

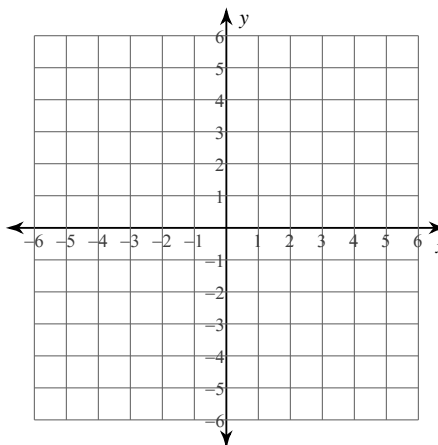


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $5x - y = 2$

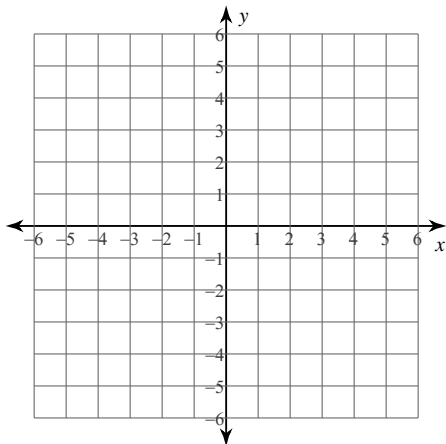


15)  $x + y = 0$

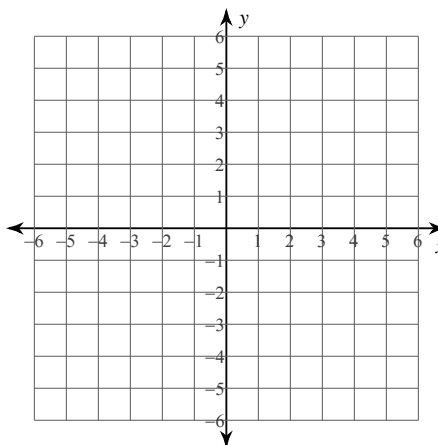


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $1 = y - \frac{4}{3}x$

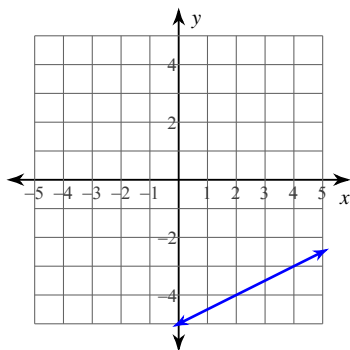


17)  $2y - 8 = 5x$

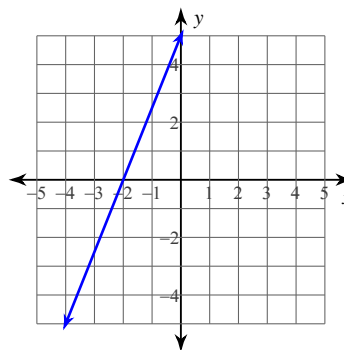


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope = 2, y-intercept = -2

21) Slope =  $\frac{1}{5}$ , y-intercept = -1

## Cumulative Skills Review

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $-1 + 2b - 6 + 4 = -7 + b$

2)  $-1 + 6n + 6n = 6 + 8n + 5n$

**Skill #2--Parentheses--Solve each equation.**

3)  $-(v - 1) = -8(v + 6)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $6(3x + 4) = 24 - 8x$

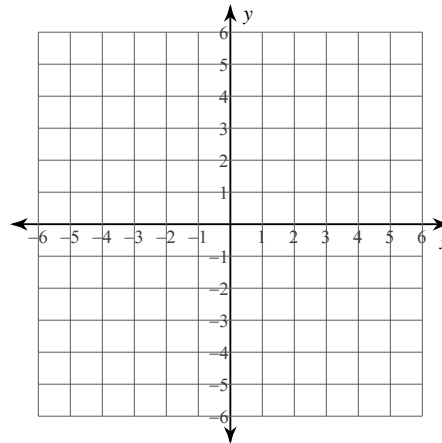
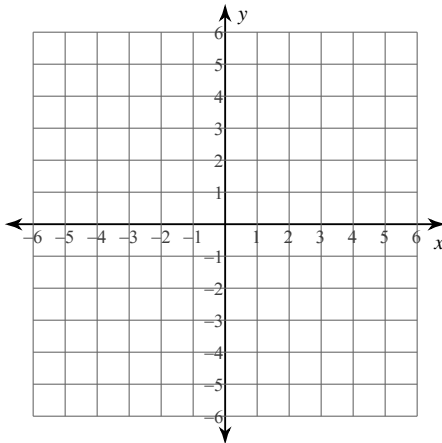
**Evaluate.**

5)  $5 - (ba - b) \div 3$ ; use  $a = 4$ , and  $b = 3$

**Skill #7--Generate a Table of Values and then Graph the Line.**

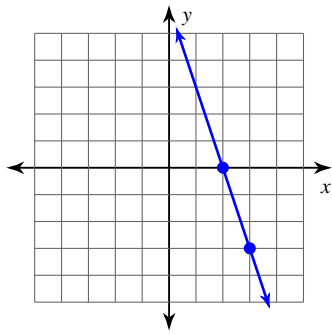
6)  $3x - 4y = 0$

7)  $3x - 4y = 4$

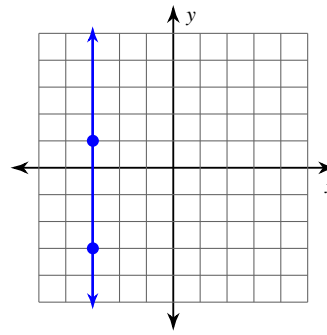


**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)



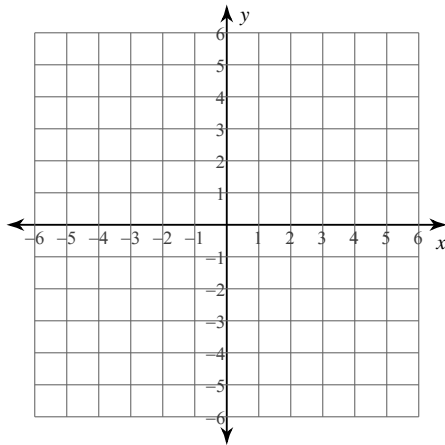
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(2, 20), (-10, 20)$

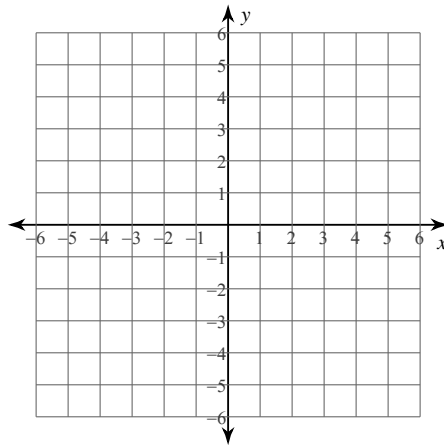
11)  $(-11, -1), (13, 15)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -2$

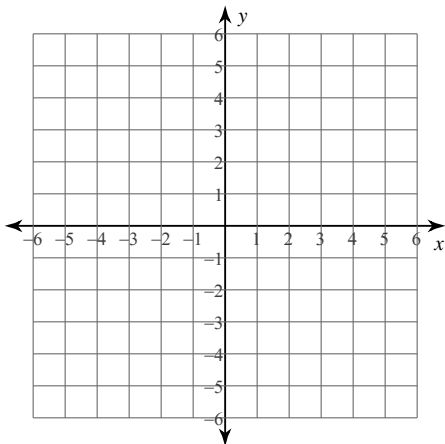


13)  $y = -1$

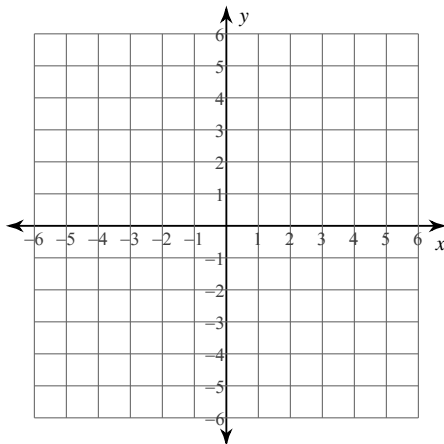


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $x + y = 2$

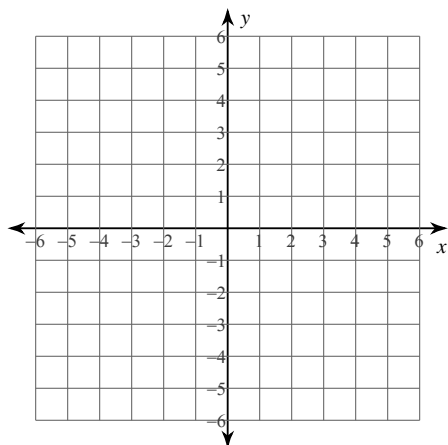


15)  $3x + y = 3$

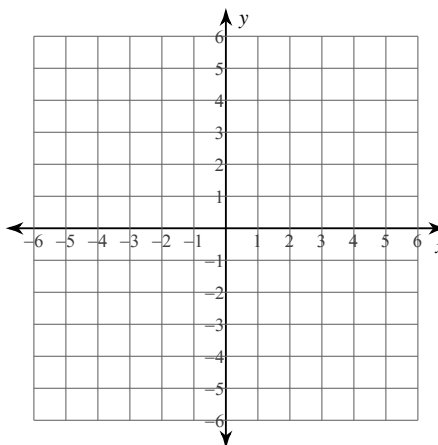


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $-8 = 2y - x$

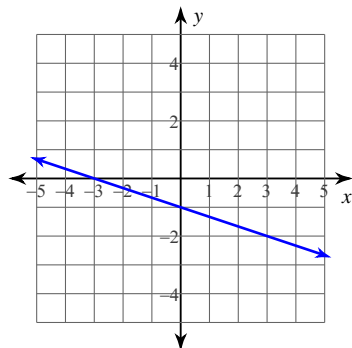


17)  $7x + 10 - 2y = 0$

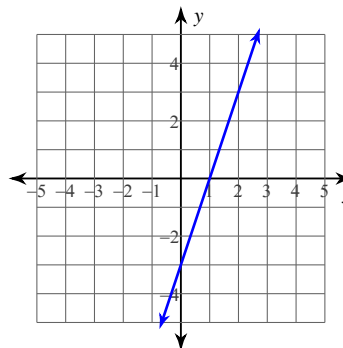


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope = 1, y-intercept = 3

21) Slope = -2, y-intercept = 1



**Cummulative Skills Review**

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $-6n + 1 = 1 - 6n$

2)  $3x + 4 = x - 6$

**Skill #2--Parentheses--Solve each equation.**

3)  $-(k + 7) = 2 - 5(3k - 1)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $6p - 16 = -p + 6(-7 - p)$

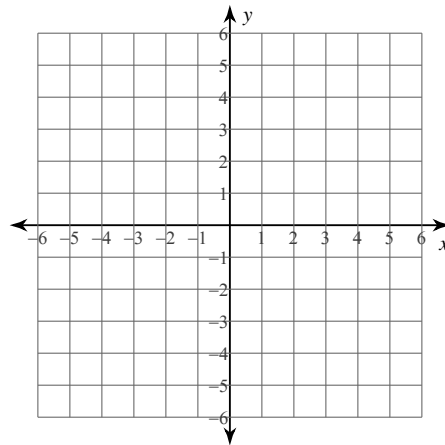
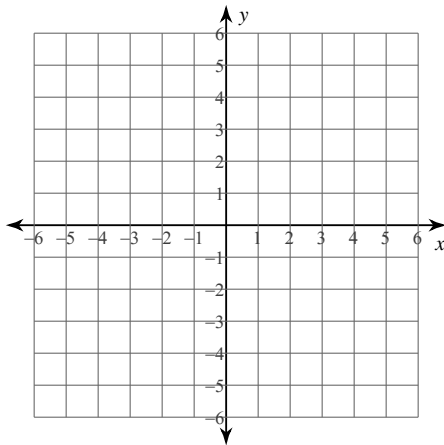
**Evaluate.**

5)  $yy^2 - z^2$ ; use  $y = 3$ , and  $z = 5$

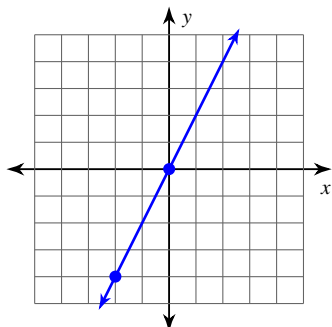
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $9x + 5y = 20$

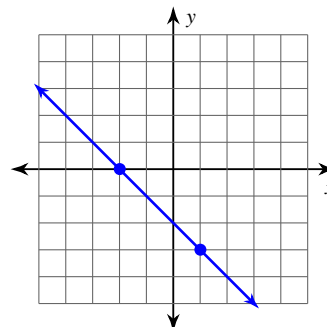
7)  $7x - 2y = -4$

**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)



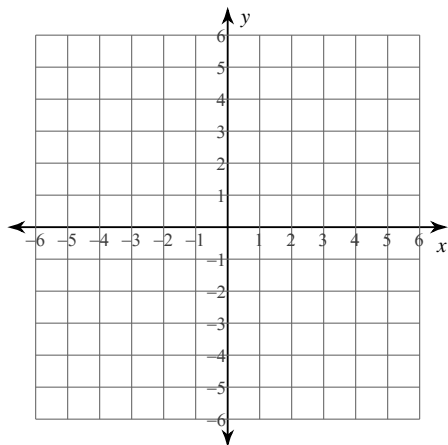
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(-14, -8), (15, 13)$

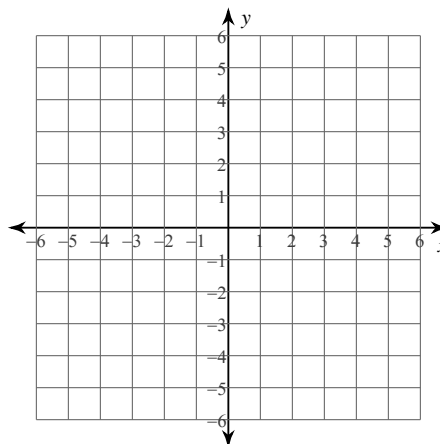
11)  $(-18, -20), (6, -4)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -x + 3$

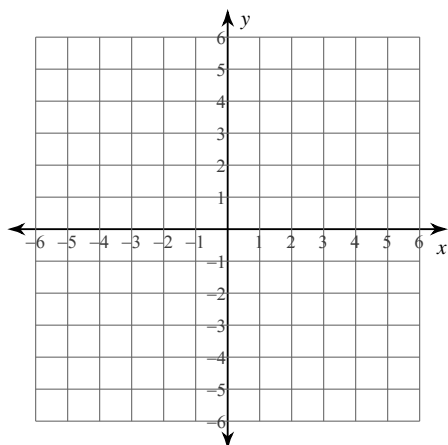


13)  $y = \frac{3}{4}x + 2$

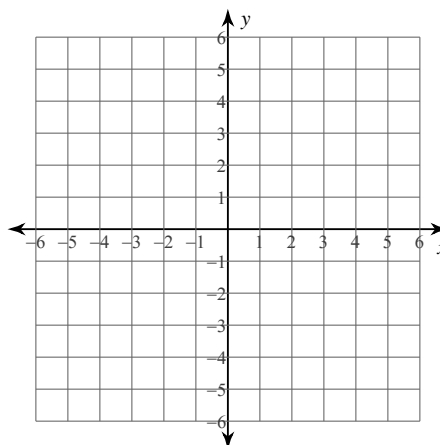


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $6x + 5y = -20$

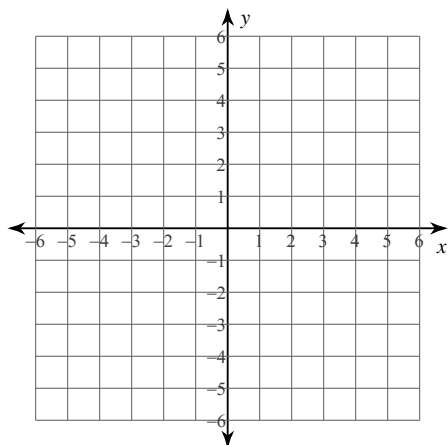


15)  $3x - y = -4$

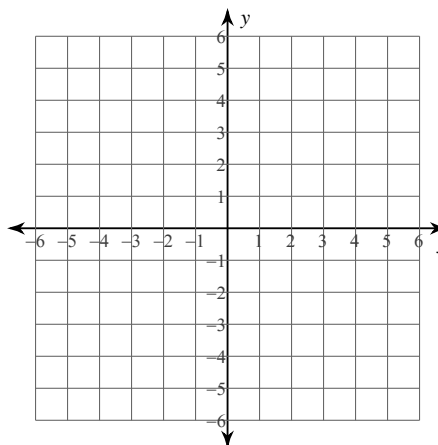


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $1 = -y - 4x$

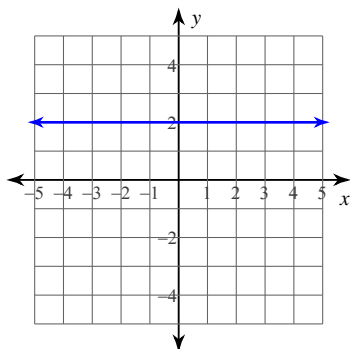


17)  $0 = -3y - 9 + 5x$

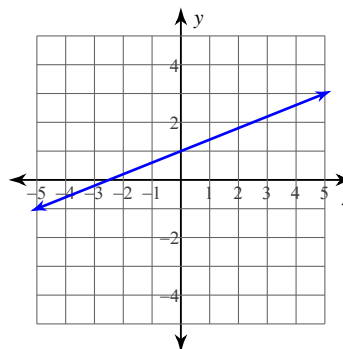


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope = 0, y-intercept = 4

21) Slope = 0, y-intercept = -5

**Cummulative Skills Review**

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $12 + 4n = 8n - n$

2)  $x + 5 = x + 5$

**Skill #2--Parentheses--Solve each equation.**

3)  $-13 + 7b = -1 - (-7b - 7)$

**Skill #4--Check to see if -2 is the correct answer.**

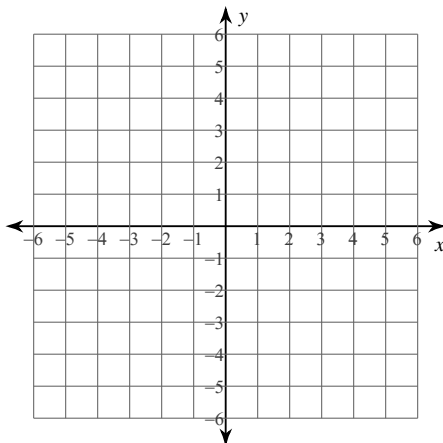
4)  $-5(1 - 5v) = 35 + 5v$

**Evaluate.**

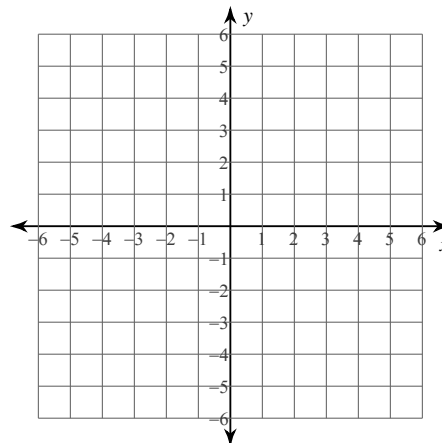
5)  $2(q + p) + 8$ ; use  $p = 1$ , and  $q = 1$

**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $4x + y = -4$

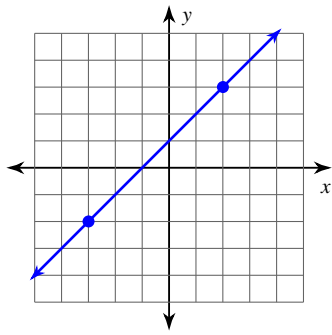


7)  $4x - 3y = 15$

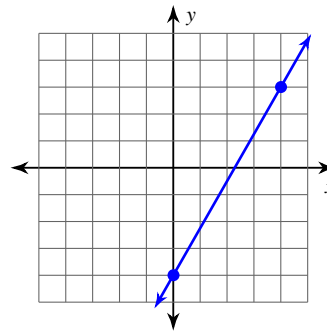


**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)



**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

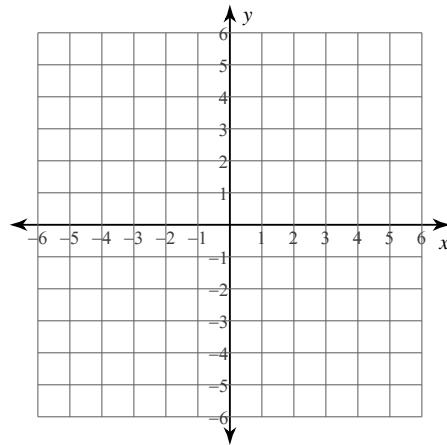
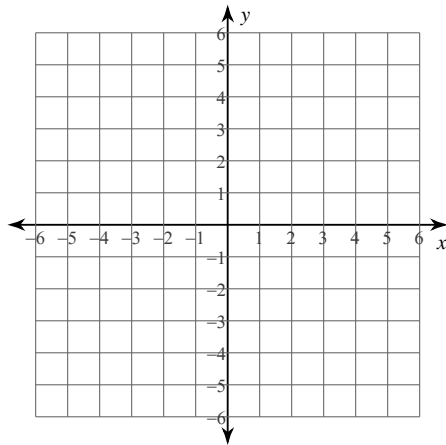
10)  $(7, -7), (-11, -14)$

11)  $(19, 13), (7, 3)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -3x - 5$

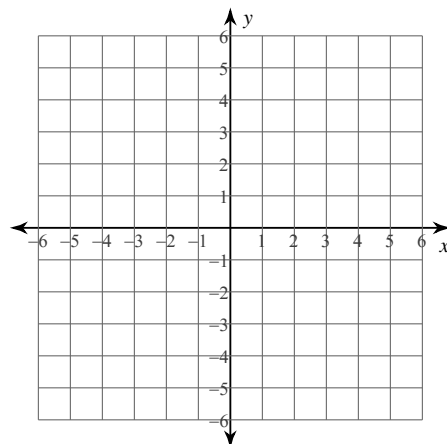
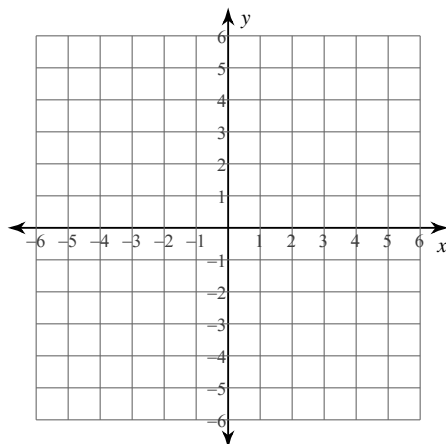
13)  $y = -2x + 5$



**Skill #14--Rewrite into Slope Intercept form then Graph**

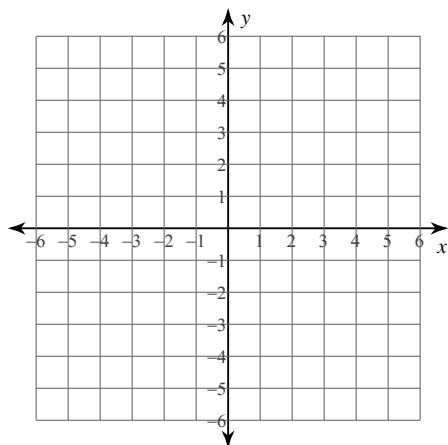
14)  $7x - 5y = 15$

15)  $6x - y = 1$

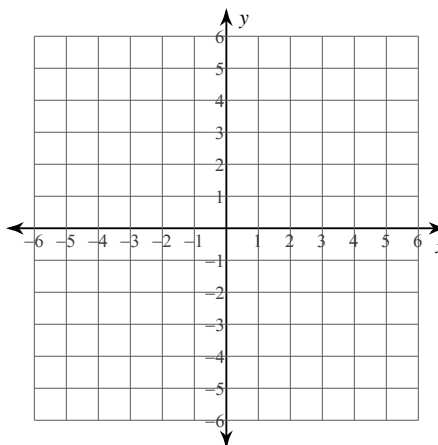


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $2 + 3x = 2y$

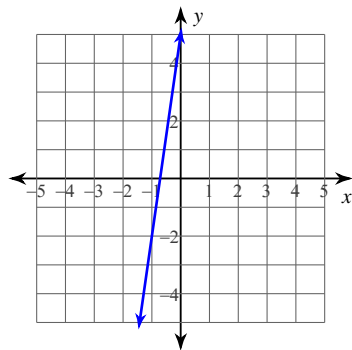


17)  $3x + 2y = 4$

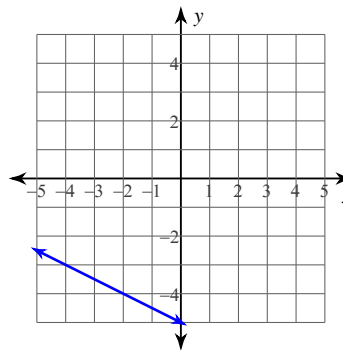


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope = 1, y-intercept = -4

21) Slope = 1, y-intercept = -1

## Cumulative Skills Review

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $x - 1 + 7x = -4 + 6x + 3x$

2)  $x + 6 = -2 + 3x$

**Skill #2--Parentheses--Solve each equation.**

3)  $4(a + 2) = -6(4a + 8)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $5k - 16 = 7(1 + 5k) + 7$

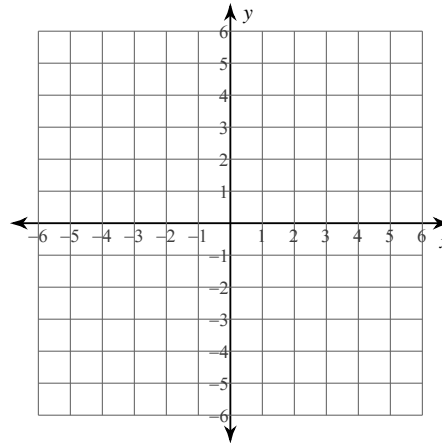
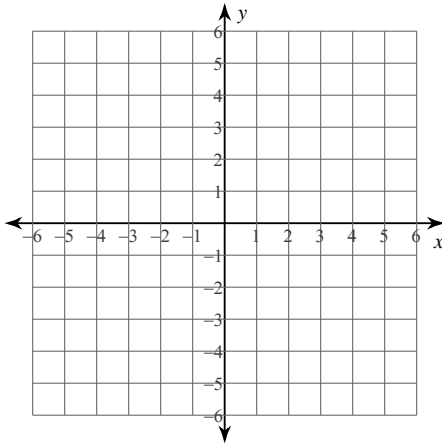
**Evaluate.**

5)  $(2(x + y + 1)) \div 6$ ; use  $x = 2$ , and  $y = 6$

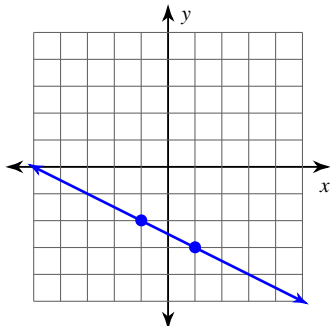
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $5x + 3y = -6$

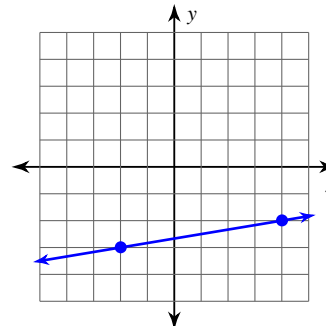
7)  $x - y = 0$

**Skill #8--Find the Slope of the Line using Slope Triangles.**

8)



9)



**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

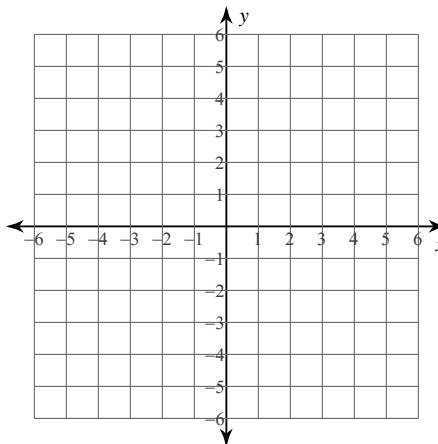
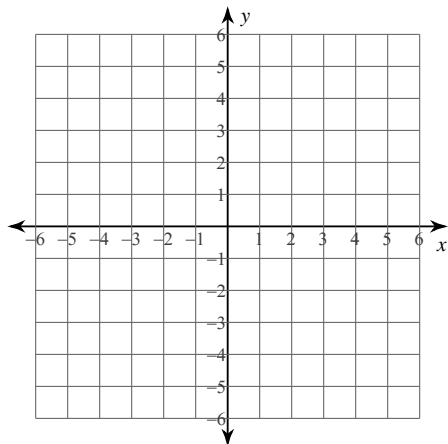
10)  $(-1, 14), (-19, 8)$

11)  $(12, -15), (-10, -16)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -\frac{2}{3}x - 1$

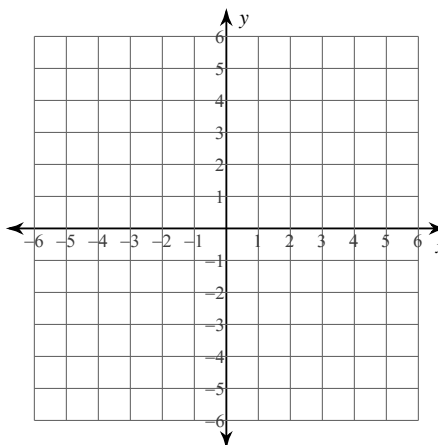
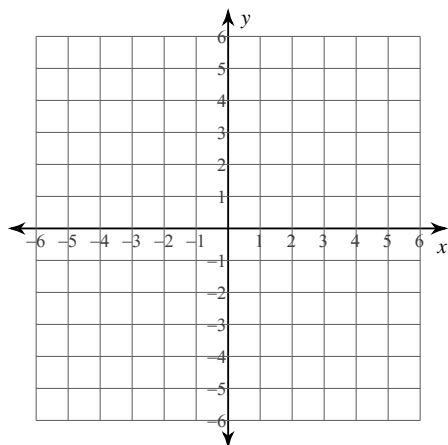
13)  $y = \frac{1}{2}x - 2$



**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $x + y = 3$

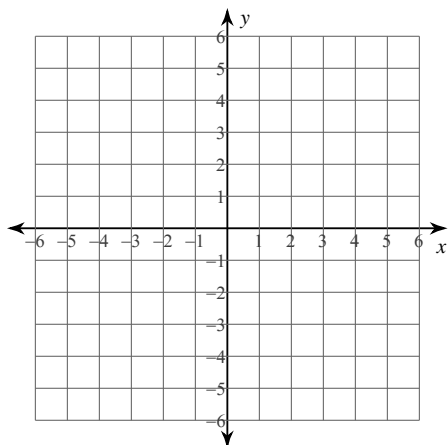
15)  $x - y = 0$



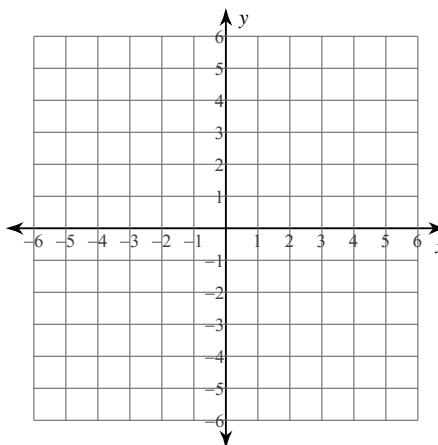


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $-8 + 5x + 2y = 0$

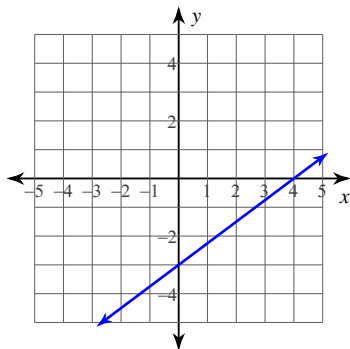


17)  $-15x = 30 + 6y$

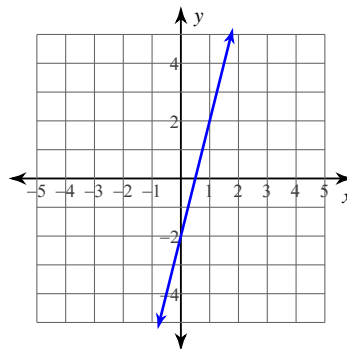


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $-\frac{2}{3}$ , y-intercept = 0

21) Slope =  $\frac{1}{3}$ , y-intercept = 2

## Cumulative Skills Review

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $-11 - 8x - 8x = -7x + 2x$

2)  $-8 - p = -p - 2$

**Skill #2--Parentheses--Solve each equation.**

3)  $-7(7n - 4) = 7(1 - 6n)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $3(m + 6) = 18 + 3m$

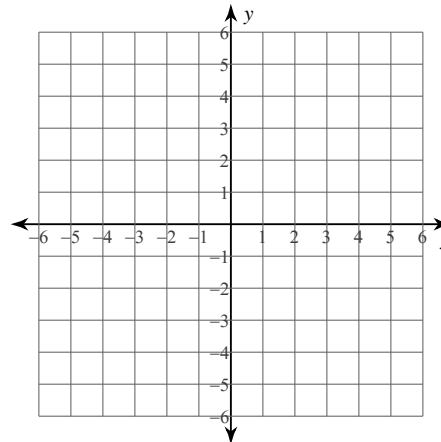
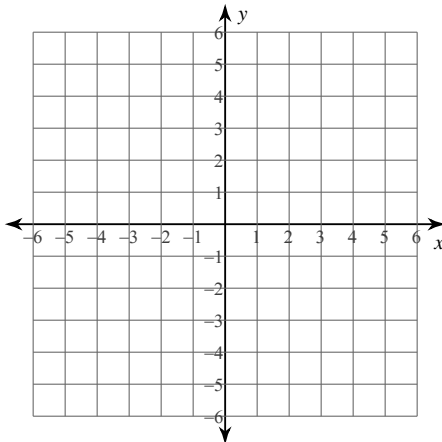
**Evaluate.**

5)  $m + 1 - p(p - p)$ ; use  $m = 2$ , and  $p = 6$

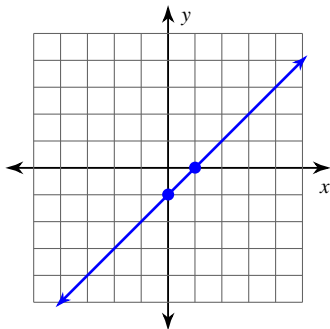
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $5x + 2y = 2$

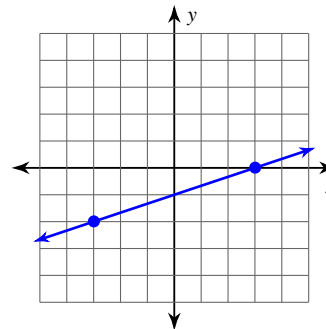
7)  $6x - y = -3$

**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)



**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

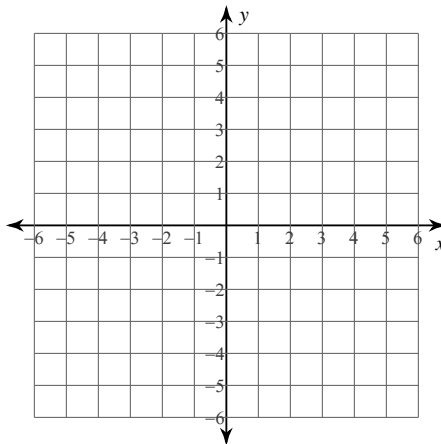
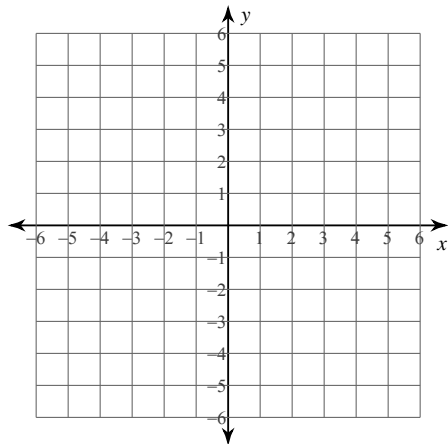
10)  $(-4, 7), (-17, 15)$

11)  $(-17, -14), (6, -11)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -\frac{4}{5}x$

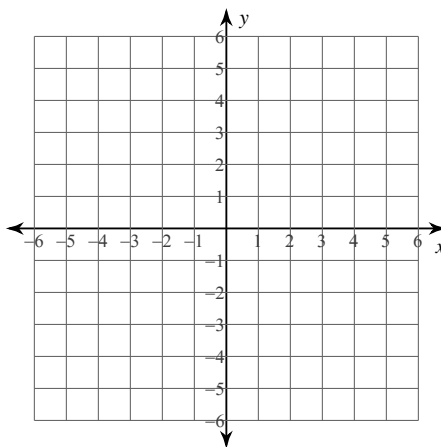
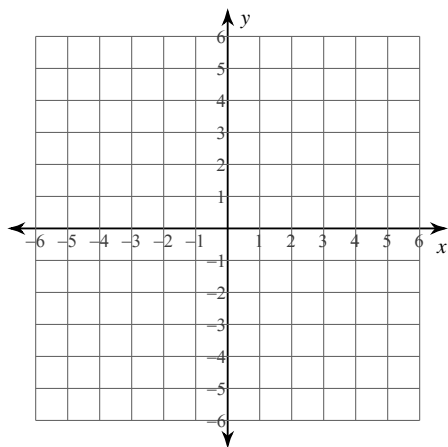
13)  $y = \frac{1}{2}x + 3$



**Skill #14--Rewrite into Slope Intercept form then Graph**

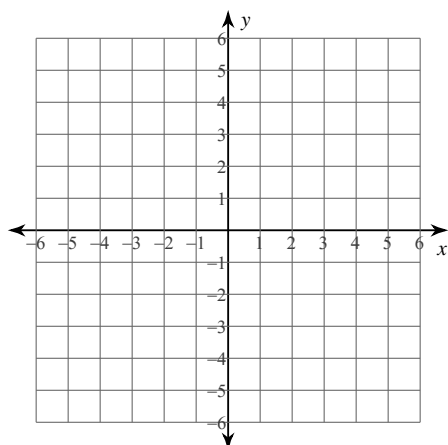
14)  $3x - y = -5$

15)  $3x + 4y = 16$

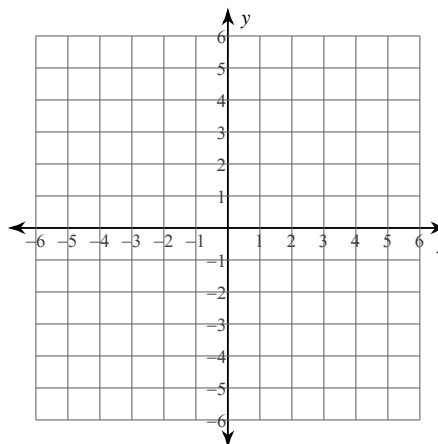


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $2x = 2 + y$

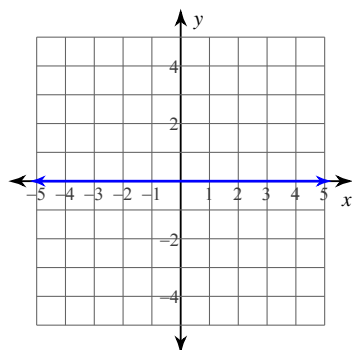


17)  $-\frac{2}{5}x - \frac{1}{3}y = 1$

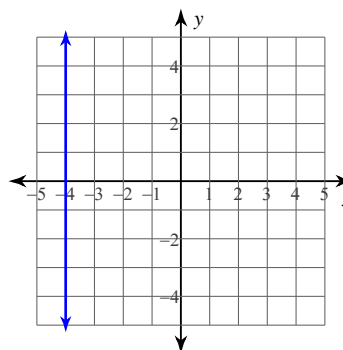


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $\frac{9}{2}$ , y-intercept = 5

21) Slope =  $-4$ , y-intercept = 3

**Cummulative Skills Review**

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $9 - 5x = -5x + 5$

2)  $-10 - v + 5v = v + 8 - 6$

**Skill #2--Parentheses--Solve each equation.**

3)  $-7(3 - 2n) - 1 = -6(1 - 3n)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $16 + 5a = 7(5a - 2)$

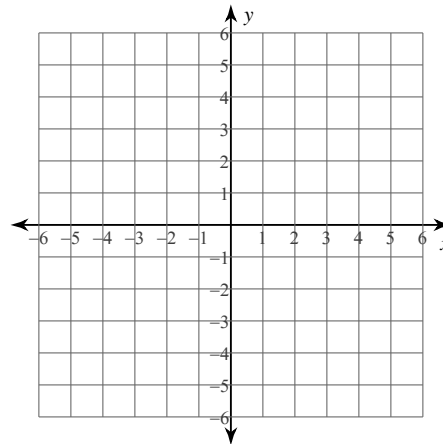
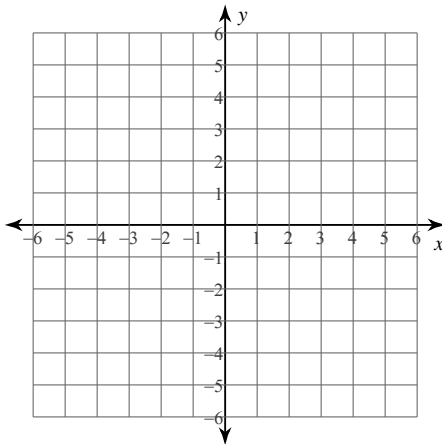
**Evaluate.**

5)  $4ba - (a - a)$ ; use  $a = 3$ , and  $b = 3$

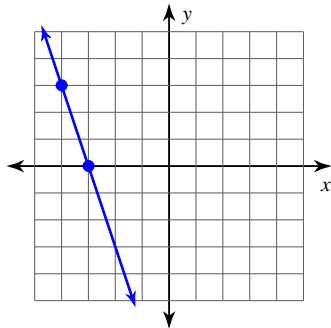
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $5x - 3y = 12$

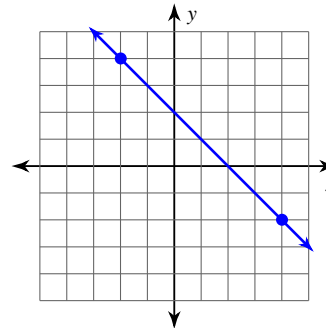
7)  $x - y = -4$

**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)



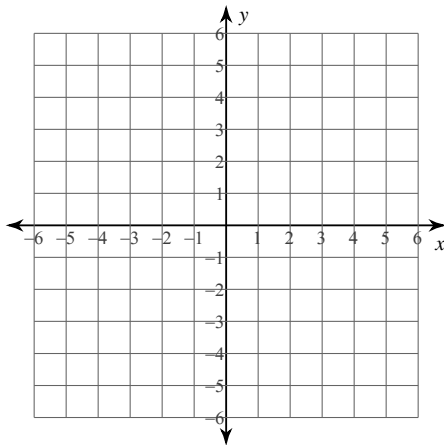
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(16, 7), (-2, 20)$

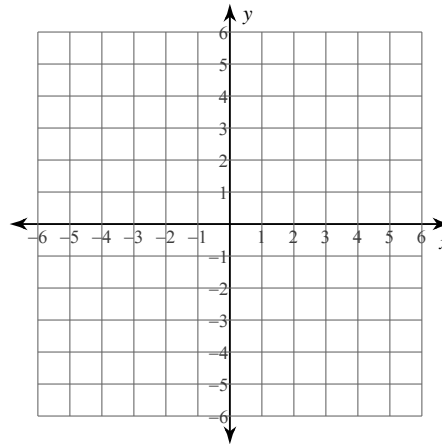
11)  $(-12, 19), (7, 19)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = 10x - 5$

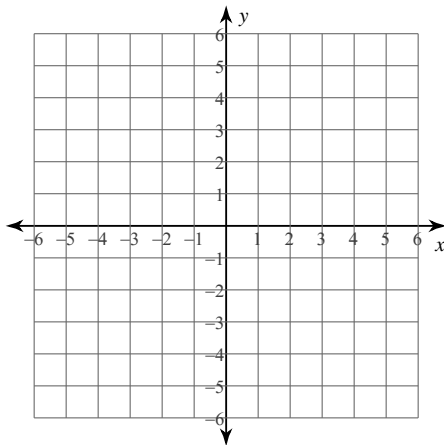


13)  $y = -\frac{1}{5}x + 4$

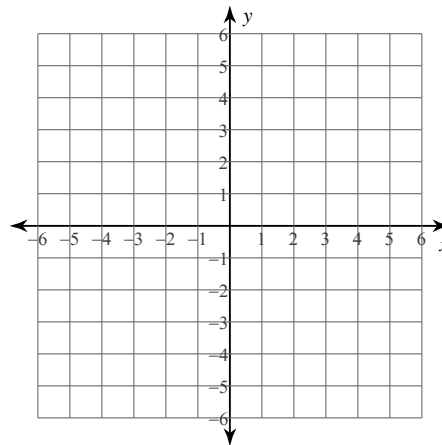


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $x - 3y = 12$

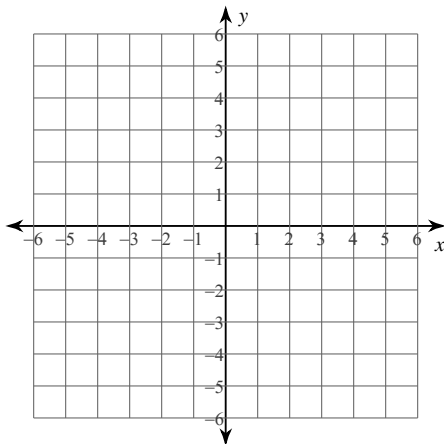


15)  $3x + 5y = -10$

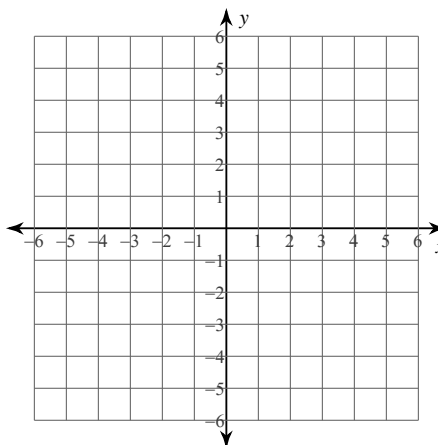


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $x - \frac{2}{3}y + \frac{4}{3} = 0$

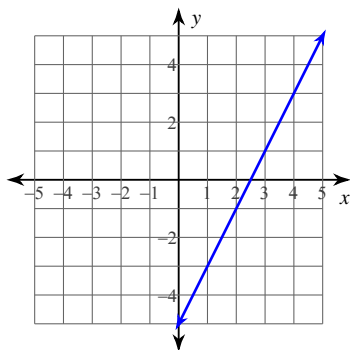


17)  $0 = 4x + y$

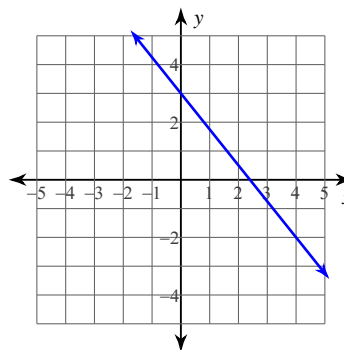


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope = 1, y-intercept = -3

21) Slope =  $-\frac{3}{4}$ , y-intercept = -4

**Cummulative Skills Review**

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $-8k + 13 = 1 - 6k$

2)  $10 - 7p = 4 - 4p - 2p$

**Skill #2--Parentheses--Solve each equation.**

3)  $-5 - 8(x + 5) = -8(x + 1)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $-4n - 2(n - 6) = -7n + 4$

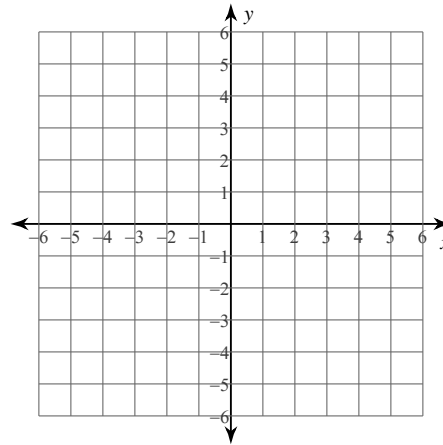
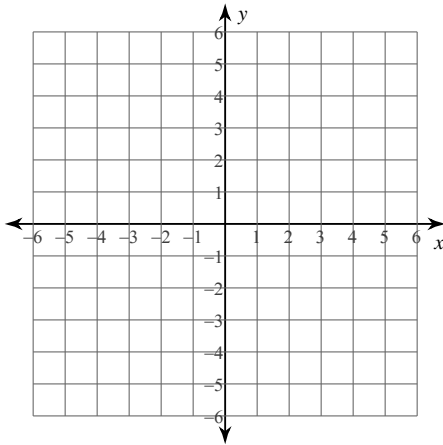
**Evaluate.**

5)  $y + 5y^2 + x$ ; use  $x = 3$ , and  $y = 3$

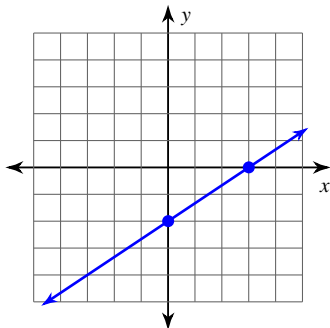
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $7x - y = 3$

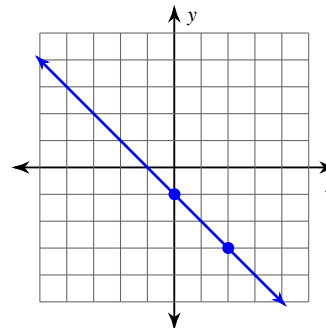
7)  $5x + 3y = -3$

**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)





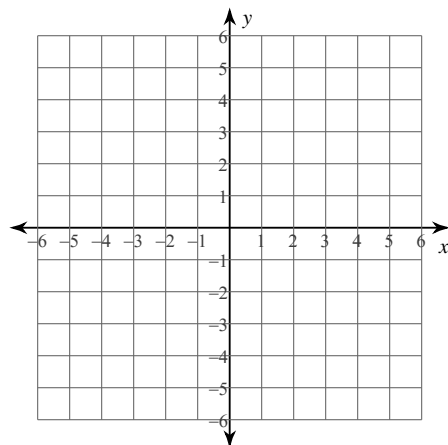
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(9, 20), (-19, 1)$

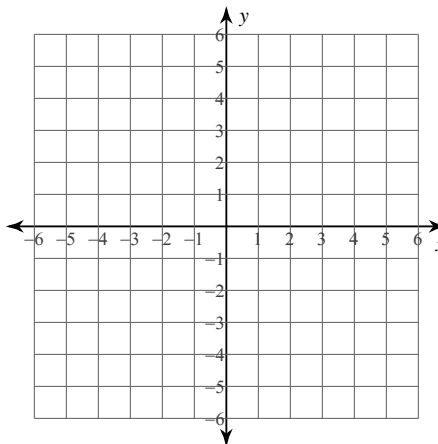
11)  $(13, 0), (-1, 19)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -x - 4$

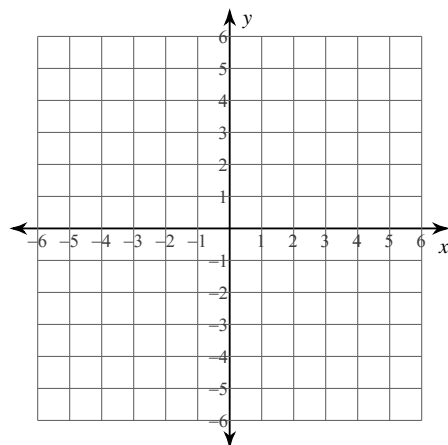


13)  $y = \frac{1}{4}x - 1$

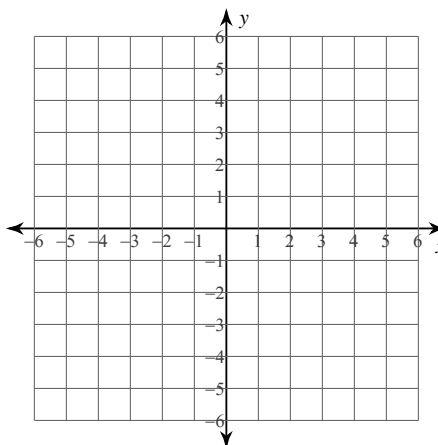


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $x - 2y = -2$

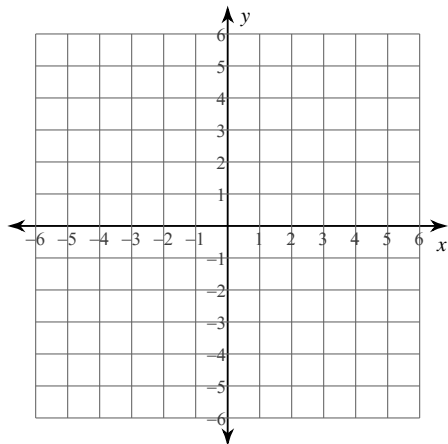


15)  $x + 3y = 0$

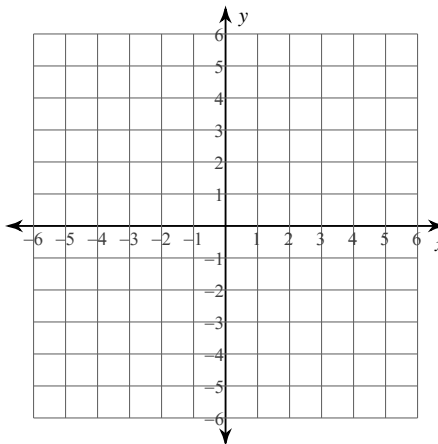


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $0 = 5 + x - \frac{5}{4}y$

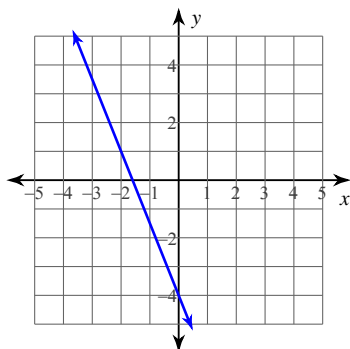


17)  $-1 + \frac{2}{5}x + \frac{1}{5}y = 0$

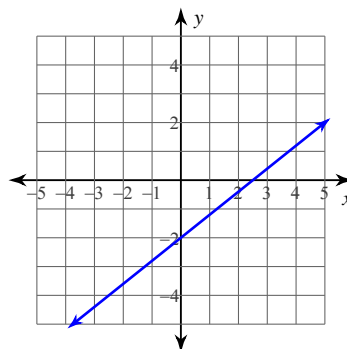


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $-1$ , y-intercept =  $1$

21) Slope =  $5$ , y-intercept =  $-1$

**Cummulative Skills Review**

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $7 - 7r = 1 - 5r$

2)  $m - 5 = 6m - 15$

**Skill #2--Parentheses--Solve each equation.**

3)  $-3(3 + 6x) = -3(5x + 5)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $-1 + 6(n - 6) = -32 + 7n$

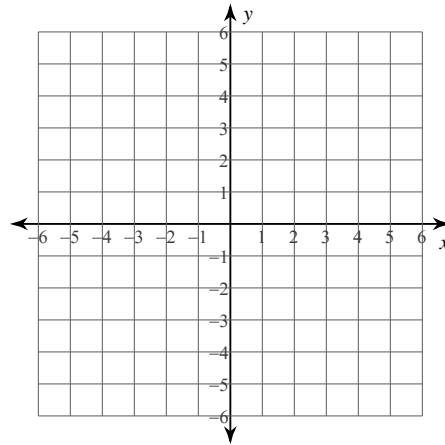
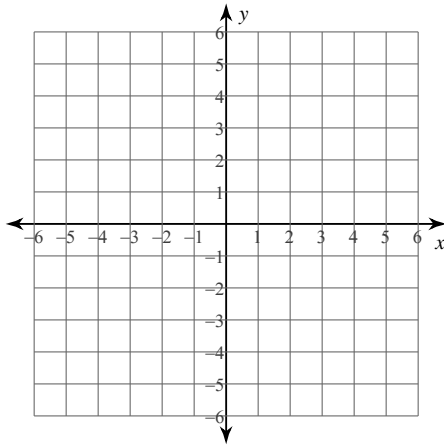
**Evaluate.**

5)  $kh - j + j + j$ ; use  $h = 4$ ,  $j = 1$ , and  $k = 5$

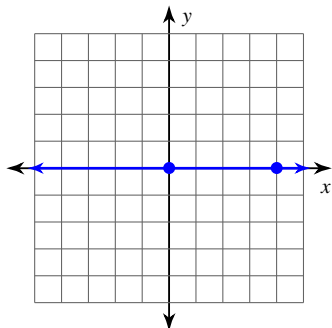
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $2x + y = 2$

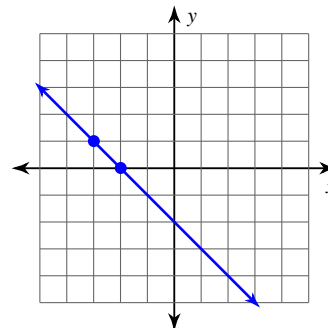
7)  $3x - 5y = 0$

**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)



**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

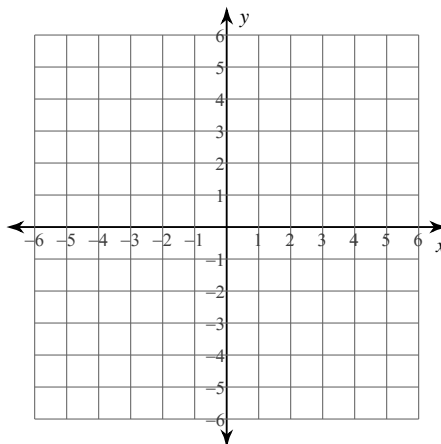
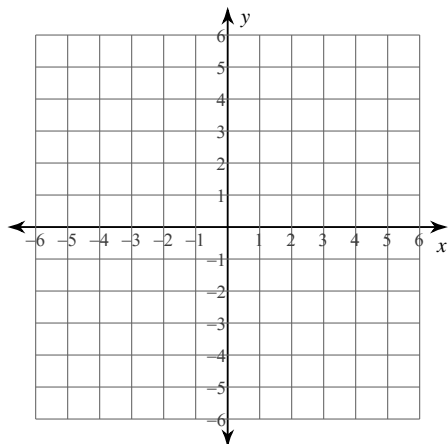
10)  $(5, -20), (-17, 9)$

11)  $(-7, 1), (14, -18)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -\frac{4}{5}x + 1$

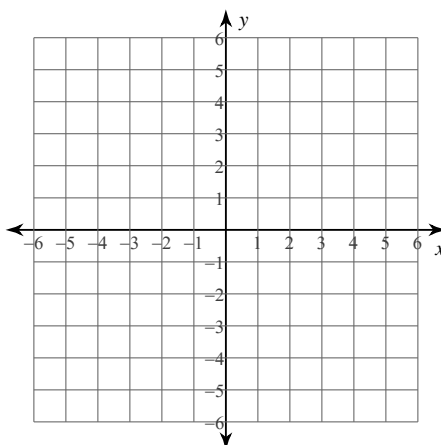
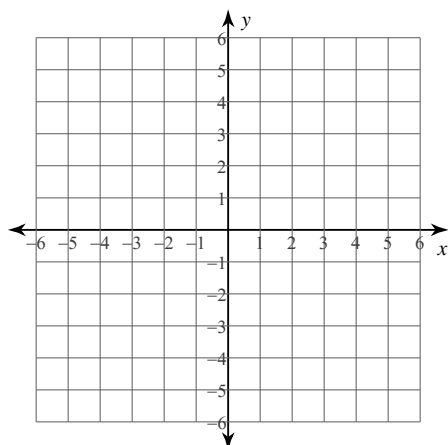
13)  $y = \frac{2}{5}x$



**Skill #14--Rewrite into Slope Intercept form then Graph**

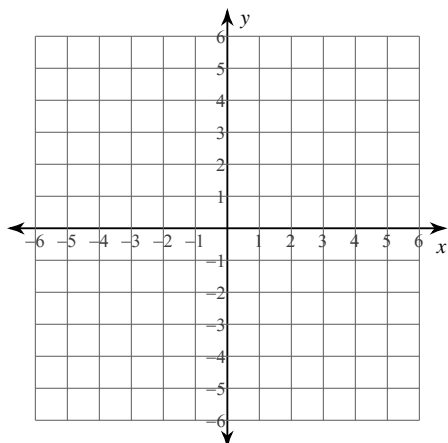
14)  $x = 0$

15)  $x - 3y = -12$

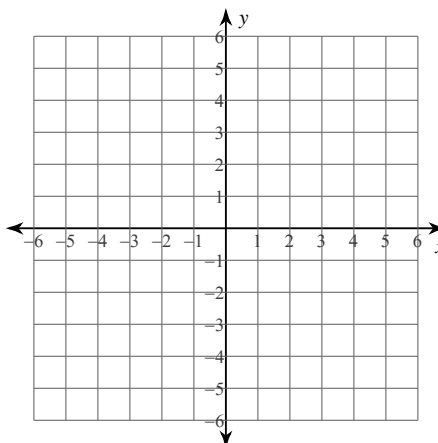


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $0 = -15 - 3y - 27x$

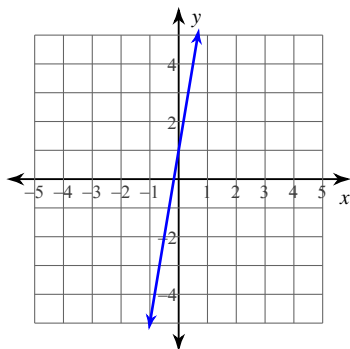


17)  $5y = -7x - 10$

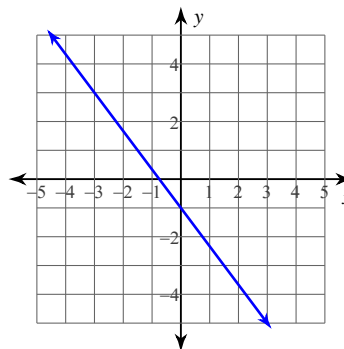


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $-\frac{7}{5}$ , y-intercept = 3

21) Slope =  $-4$ , y-intercept = 4

## Cumulative Skills Review

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $-2a - 4a = 6 - 7a$

2)  $14 + 5k = 8k - 1$

**Skill #2--Parentheses--Solve each equation.**

3)  $3(1 + x) = -3(4x - 1)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $6x + 16 = 2(1 - 4x)$

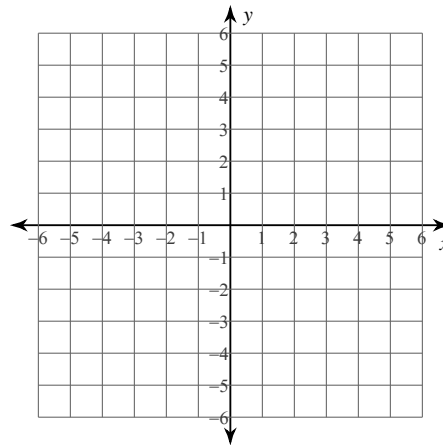
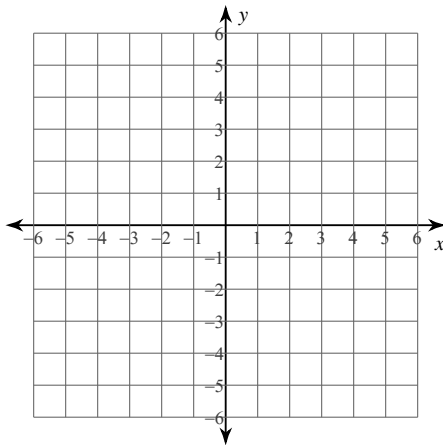
**Evaluate.**

5)  $z(y + x - (z - 1))$ ; use  $x = 4$ ,  $y = 6$ , and  $z = 6$

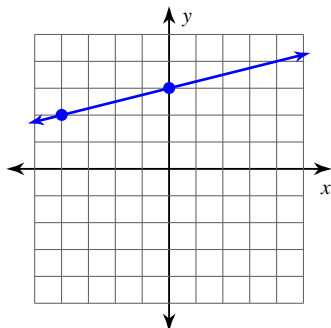
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $3x - 4y = -20$

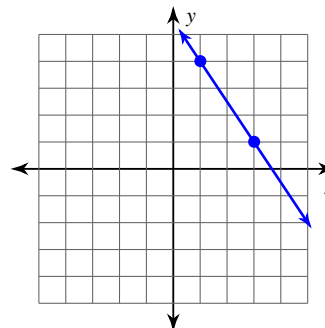
7)  $3x + y = 4$

**Skill #8--Find the Slope of the Line using Slope Triangles.**

8)



9)



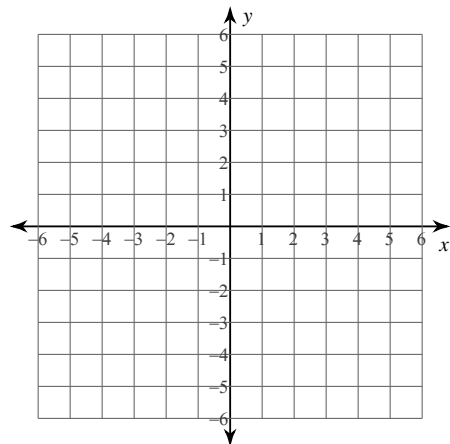
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(-2, -7), (7, -10)$

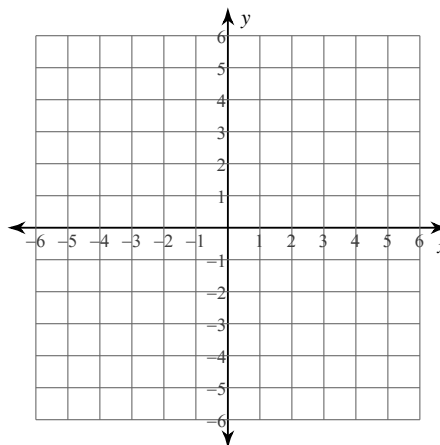
11)  $(-15, -19), (-2, 13)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = \frac{9}{5}x + 5$

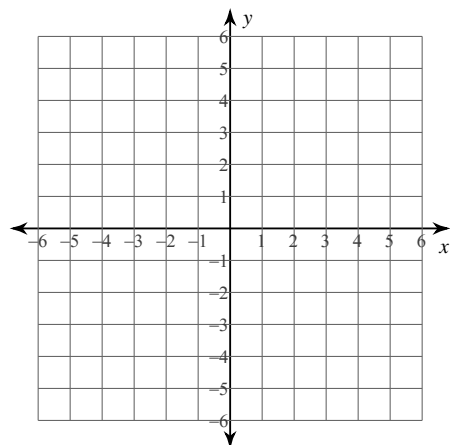


13)  $y = -x + 3$

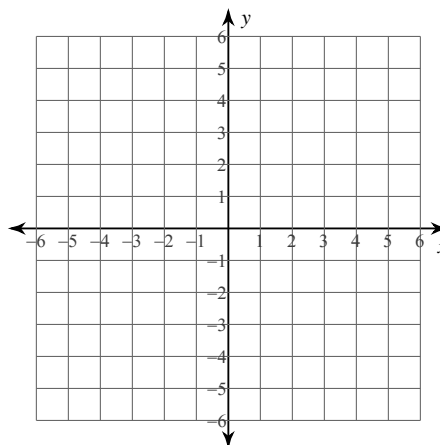


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $x - y = 3$

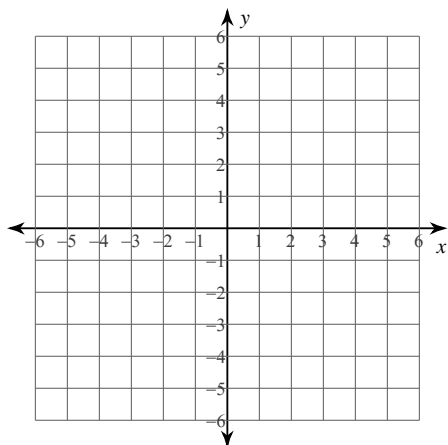


15)  $7x - 3y = 12$

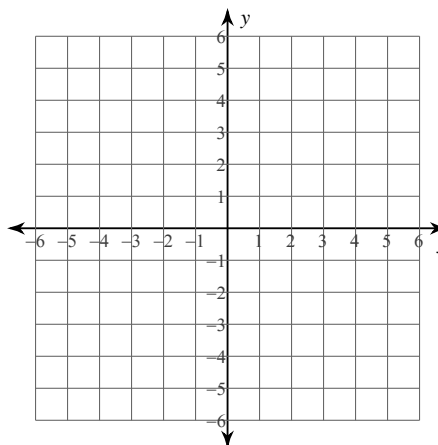


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $-6x = -2 + 2y$

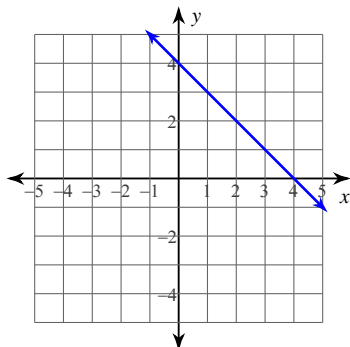


17)  $0 = -10y - 10 - 4x$

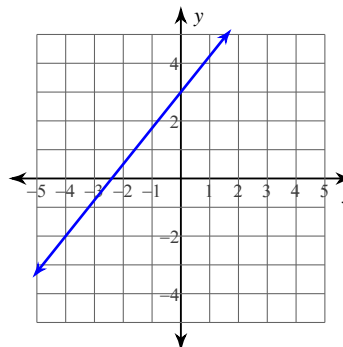


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $-1$ , y-intercept =  $-3$

21) Slope =  $-\frac{1}{2}$ , y-intercept =  $-4$



## Cumulative Skills Review

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $4n + 9 = 2n - 7$

2)  $6m + 14 = 3m + 5m$

**Skill #2--Parentheses--Solve each equation.**

3)  $3(-3r - 6) + 4(r - 2) = 1 - 5r + 1 - 4r$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $-(1 - 3x) - 3x = -13 - 3x$

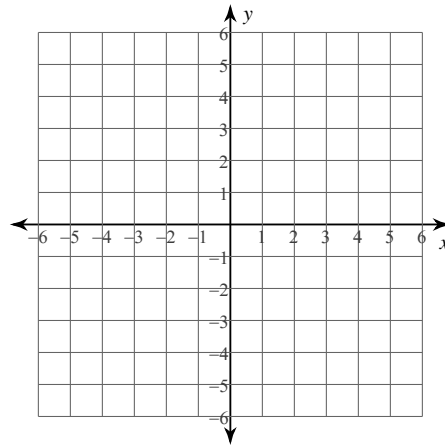
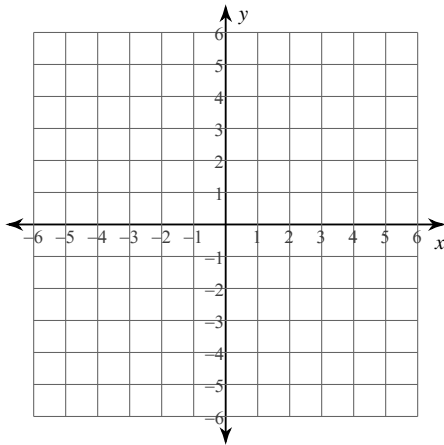
**Evaluate.**

5)  $6(x + y) + x \div 5$ ; use  $x = 5$ , and  $y = 4$

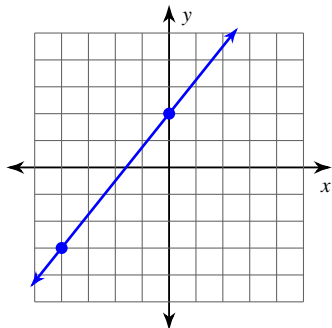
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $3x + 2y = -4$

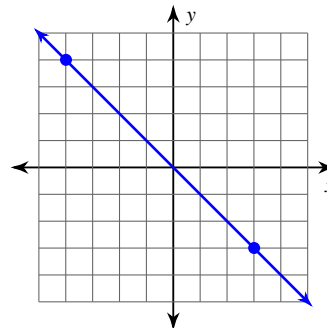
7)  $9x - 5y = 20$

**Skill #8--Find the Slope of the Line using Slope Triangles.**

8)



9)



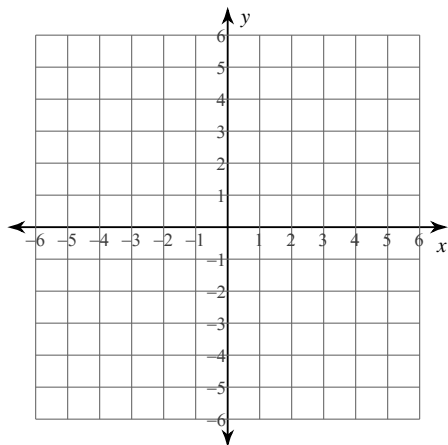
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(10, -6), (12, 20)$

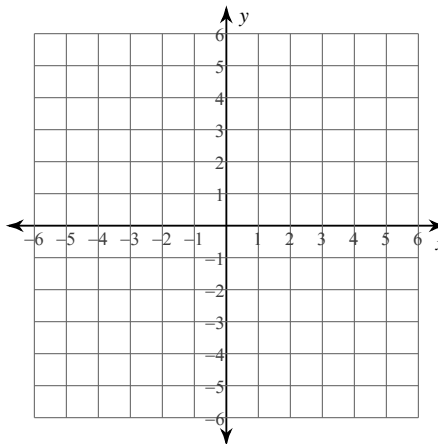
11)  $(-19, 15), (-1, -20)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -2x - 3$

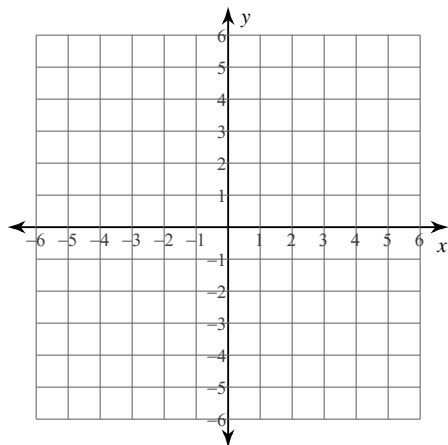


13)  $y = \frac{2}{3}x - 4$

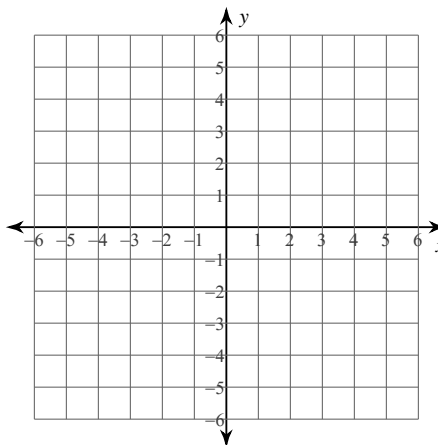


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $x + 3y = 3$

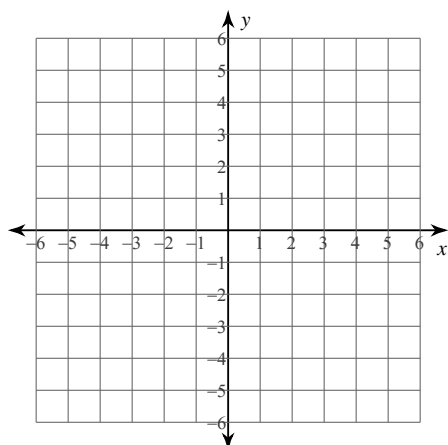


15)  $x - 5y = 0$

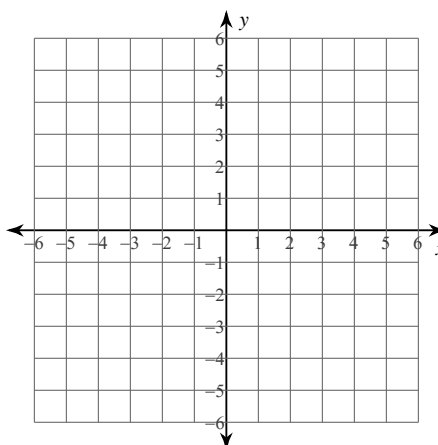


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $x + 3y = 6$

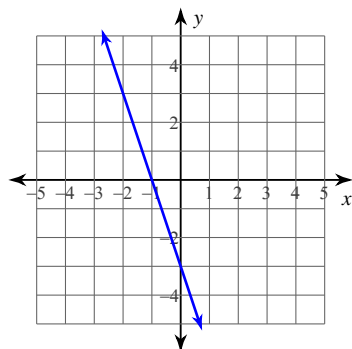


17)  $10y = 50 + 6x$

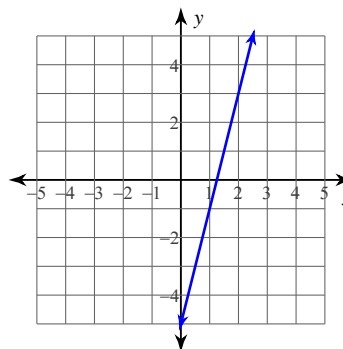


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope = 5, y-intercept = 0

21) Slope = 1, y-intercept = -1

## Cumulative Skills Review

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $-6b + b - 8 = -8b + 2b$

2)  $n + 5 = n + 5$

**Skill #2--Parentheses--Solve each equation.**

3)  $2(v - 7) = 3(v - 3)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $-(7x - 8) = 10 - 7x$

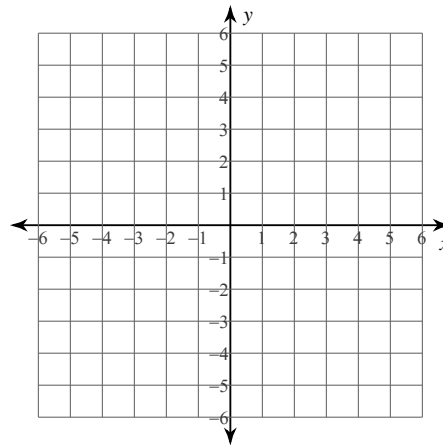
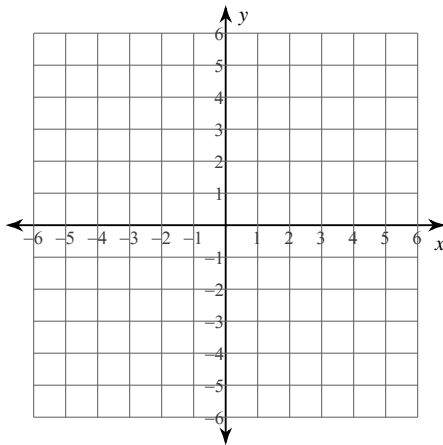
**Evaluate.**

5)  $m^2(n - 3 + m)$ ; use  $m = 2$ , and  $n = 3$

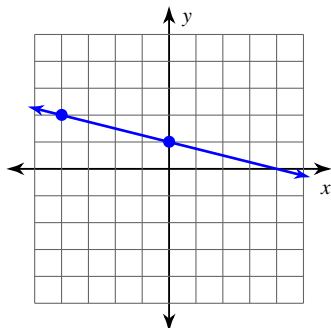
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $2x - 5y = -5$

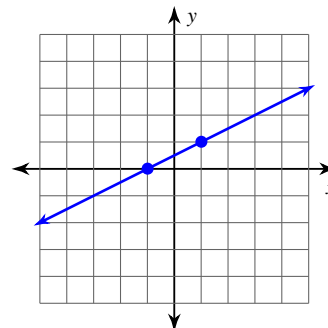
7)  $x - y = 0$

**Skill #8--Find the Slope of the Line using Slope Triangles.**

8)



9)



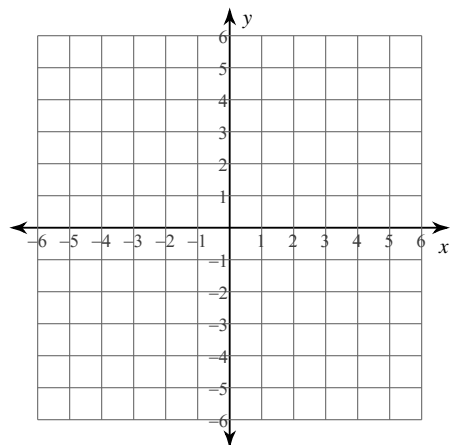
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(15, -14), (-17, 2)$

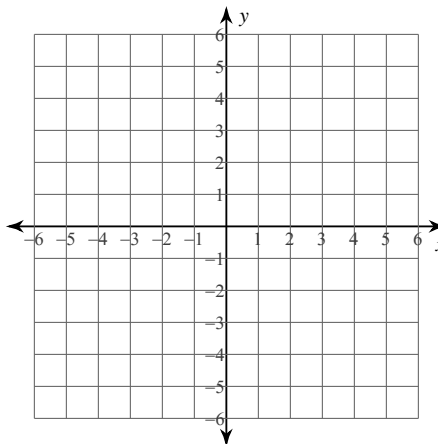
11)  $(2, 15), (14, -16)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -2x - 1$

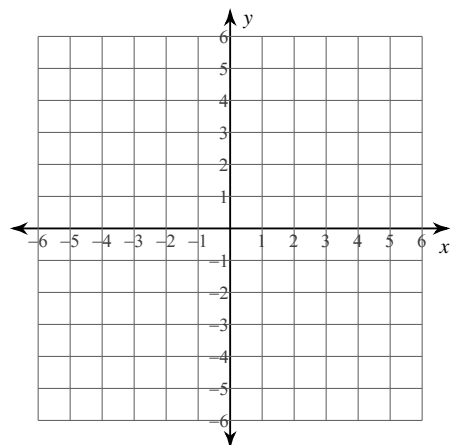


13)  $y = \frac{2}{5}x + 1$

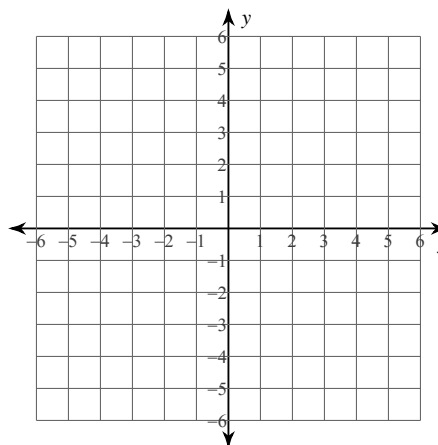


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $x = 4$

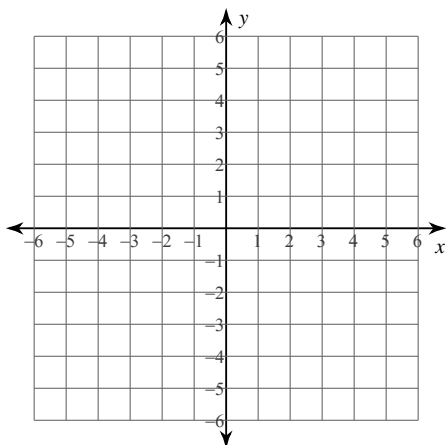


15)  $y = 5$

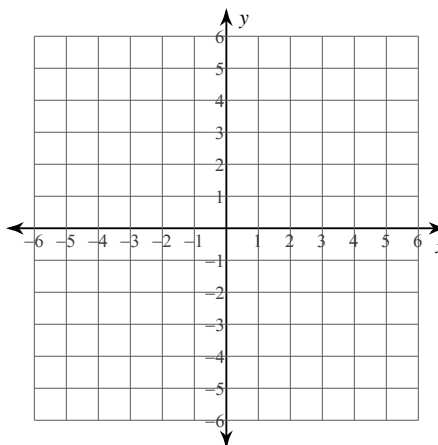


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $10 + 2y = 5x$

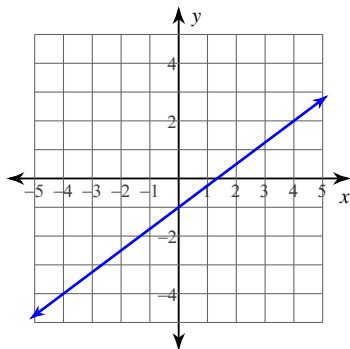


17)  $4 = x - y$

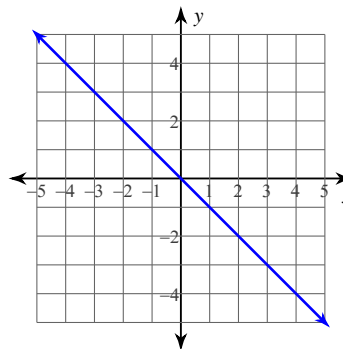


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope = 5, y-intercept = 2

21) Slope =  $\frac{6}{5}$ , y-intercept = 4

## Cumulative Skills Review

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $5 + 2n - 3n = n + 1$

2)  $6x - 4x = -4x + 12$

**Skill #2--Parentheses--Solve each equation.**

3)  $-(m - 6) - 4m = 2(-3 - m)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $1 - (4p + 5) = 10 - 2p$

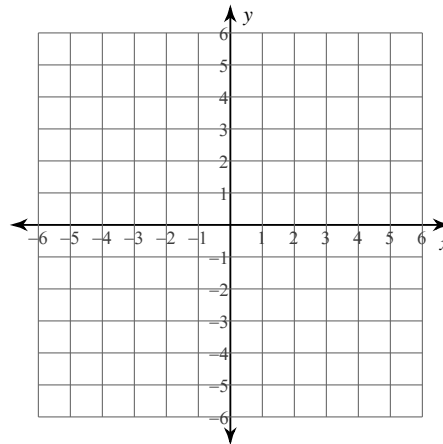
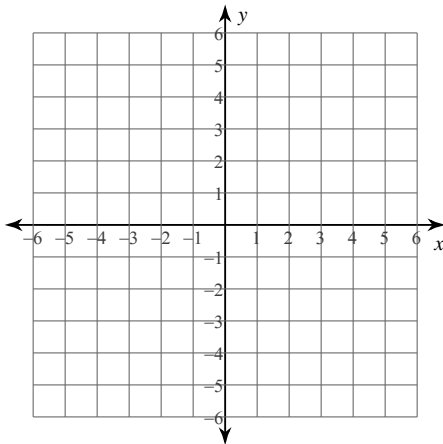
**Evaluate.**

5)  $(x \div 2)^2 + x - y$ ; use  $x = 2$ , and  $y = 1$

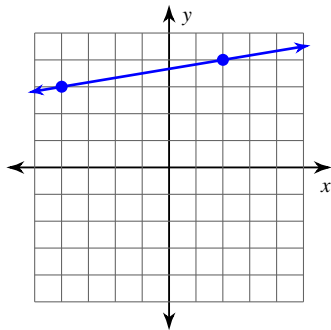
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $2x + y = 5$

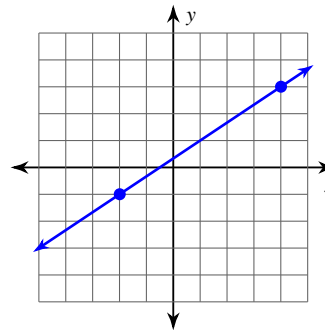
7)  $x + 4y = 12$

**Skill #8--Find the Slope of the Line using Slope Triangles.**

8)



9)



**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

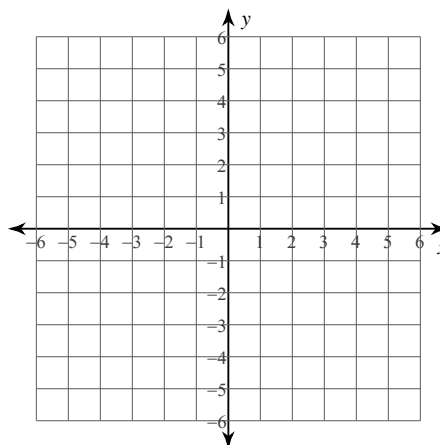
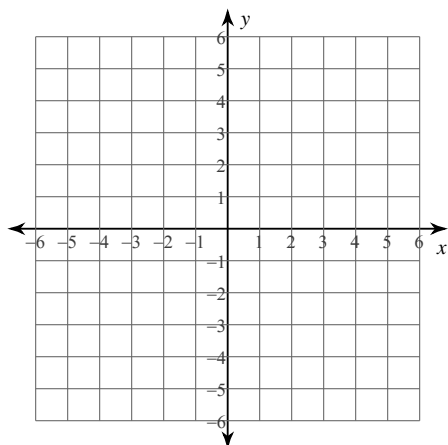
10)  $(-1, 8), (16, -17)$

11)  $(-5, -13), (7, 6)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -4x + 3$

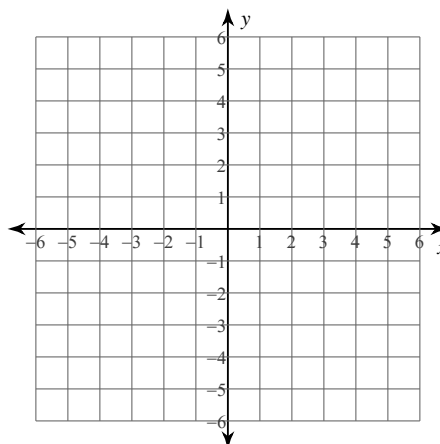
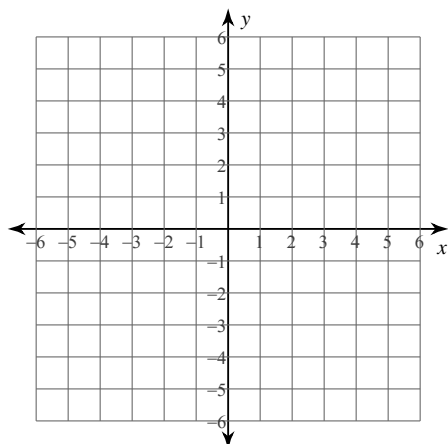
13)  $y = 8x + 4$



**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $x - y = 3$

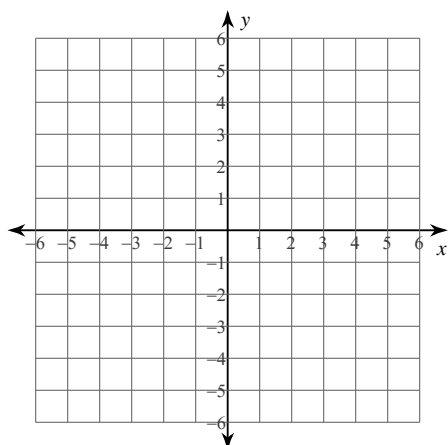
15)  $2x + 5y = -25$



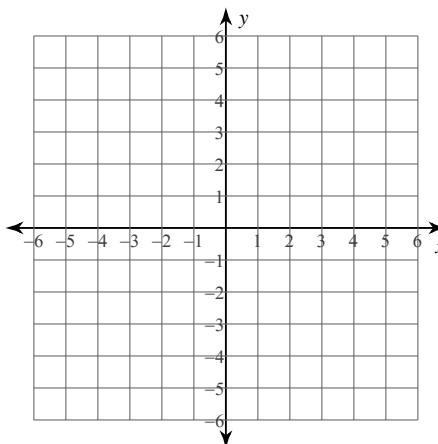


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $0 = -x - 5y$

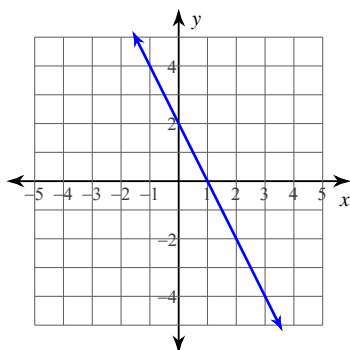


17)  $x + \frac{1}{2} = -\frac{1}{2}y$

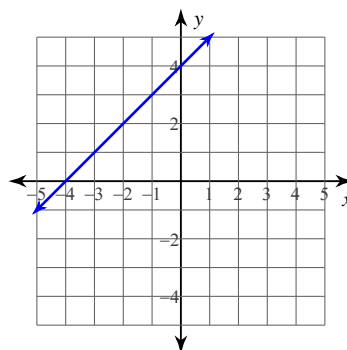


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $\frac{8}{3}$ , y-intercept =  $-3$

21) Slope =  $-\frac{3}{4}$ , y-intercept =  $5$

## Cumulative Skills Review

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $-3 + n + 5 - 8 = -6n + 5n$

2)  $3 - 4x = 9 + 1 - 5x - 6x$

**Skill #2--Parentheses--Solve each equation.**

3)  $4(8b + 5) - 4(7b + 5) = b + 8b$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $6 - 6v = -2(1 + 2v)$

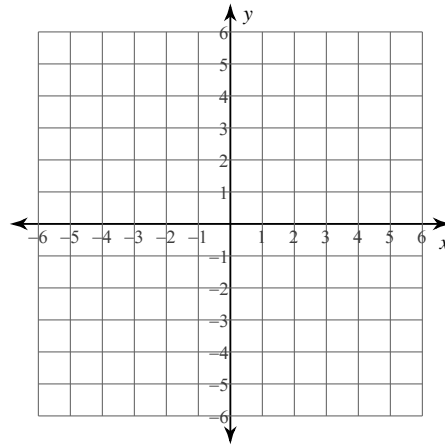
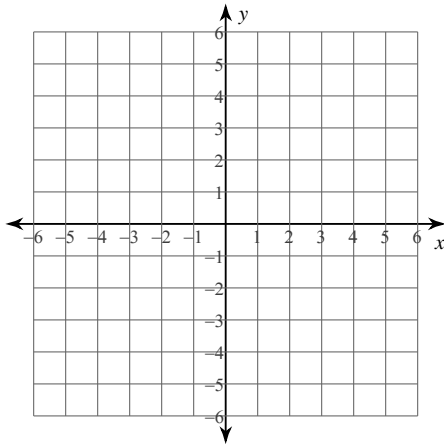
**Evaluate.**

5)  $h - (5 - 1 - j) \div 3$ ; use  $h = 3$ , and  $j = 1$

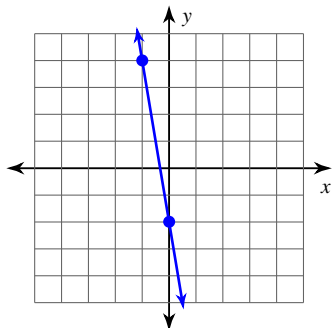
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $x + 5y = -15$

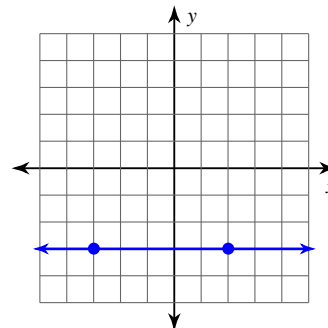
7)  $x - y = 4$

**Skill #8--Find the Slope of the Line using Slope Triangles.**

8)



9)



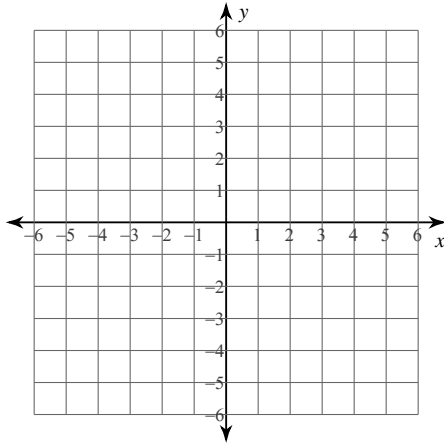
**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

10)  $(20, 9), (20, -10)$

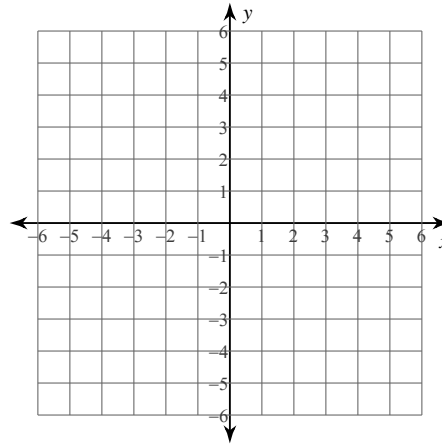
11)  $(-9, 20), (-1, 14)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = x - 3$

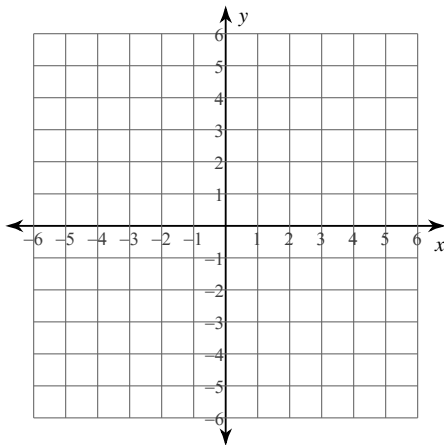


13)  $y = -\frac{5}{3}x - 5$

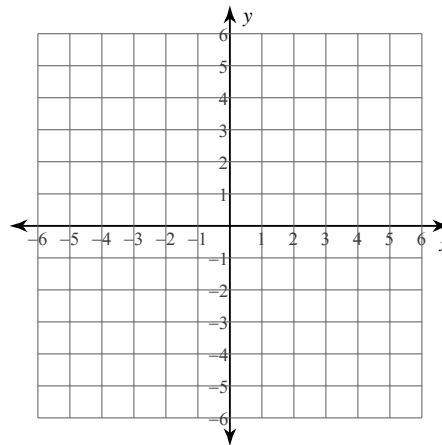


**Skill #14--Rewrite into Slope Intercept form then Graph**

14)  $2x - y = -1$

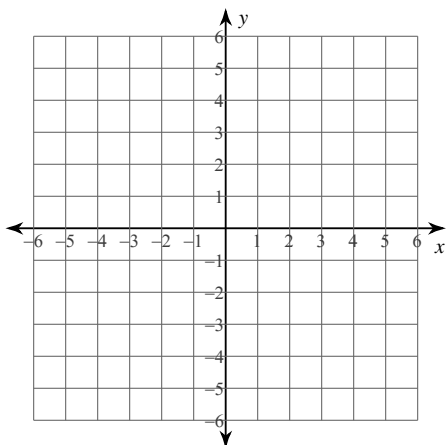


15)  $3x + y = -2$

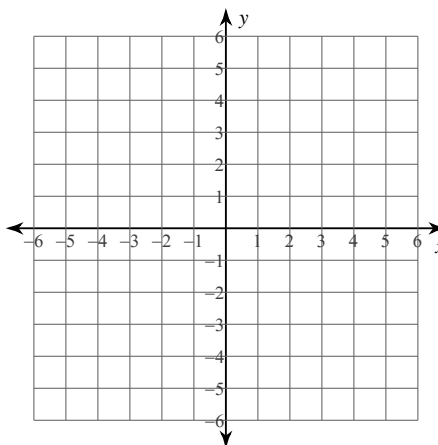


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $x - 6 = -2y$

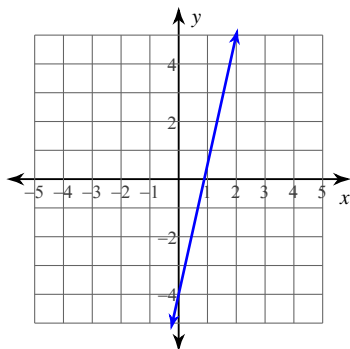


17)  $-y + 2 = 3x$

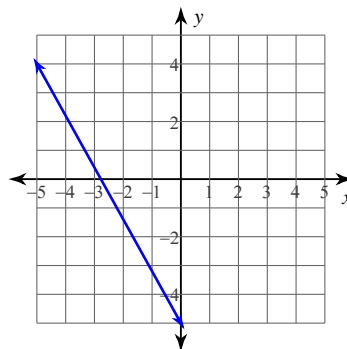


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $-1$ , y-intercept =  $0$

21) Slope =  $-\frac{7}{2}$ , y-intercept =  $-2$

**Cummulative Skills Review**

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Date \_\_\_\_\_ Period \_\_\_\_\_

**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $13 - 3x = 1 - 7x$

2)  $-8x + 9 = 1 - 6x + 2$

**Skill #2--Parentheses--Solve each equation.**

3)  $-3(-4a - 7) + 5a = -7a + 3(7a - 2)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $-36 + 7k = -4(-5k - 4)$

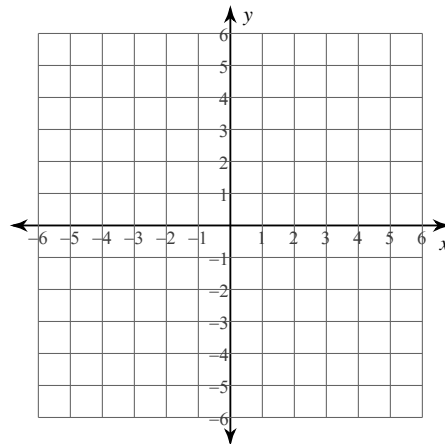
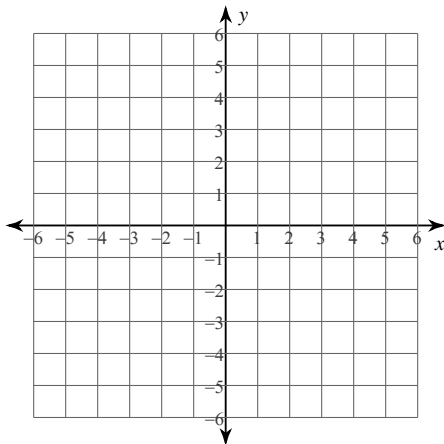
**Evaluate.**

5)  $bc^3 - (2 - c)$ ; use  $b = 6$ , and  $c = 2$

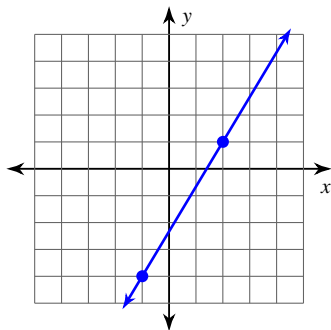
**Skill #7--Generate a Table of Values and then Graph the Line.**

6)  $x - y = -1$

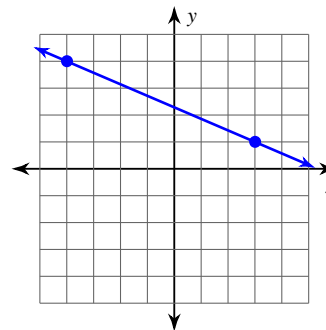
7)  $4x - y = 1$

**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)



**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

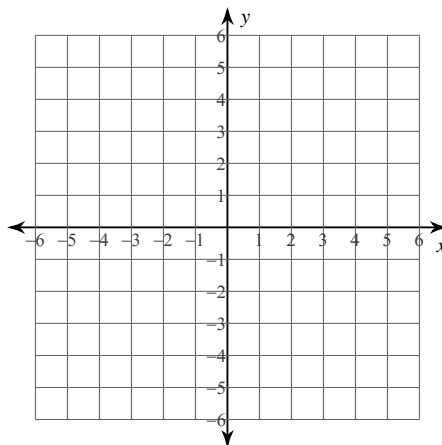
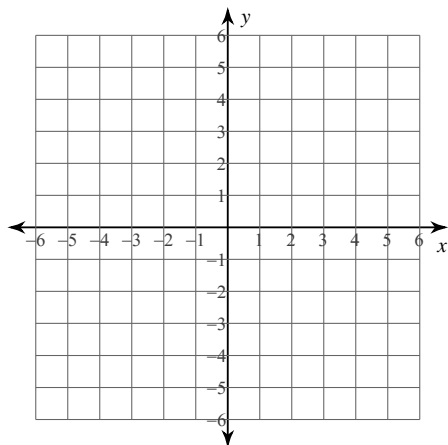
10)  $(16, 1), (-8, -5)$

11)  $(12, -20), (-18, 19)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = -2$

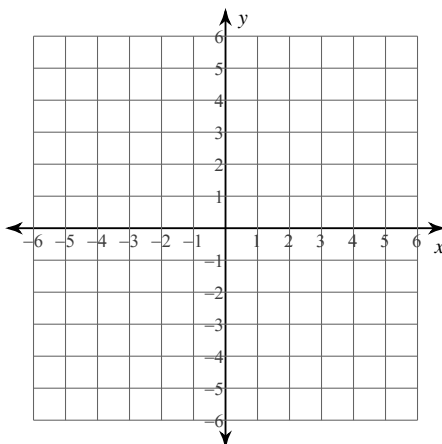
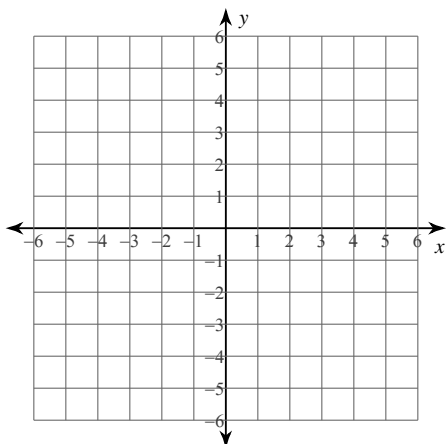
13)  $y = 0$



**Skill #14--Rewrite into Slope Intercept form then Graph**

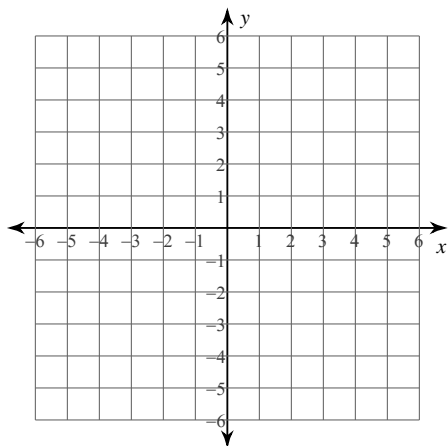
14)  $x = -5$

15)  $x = 3$

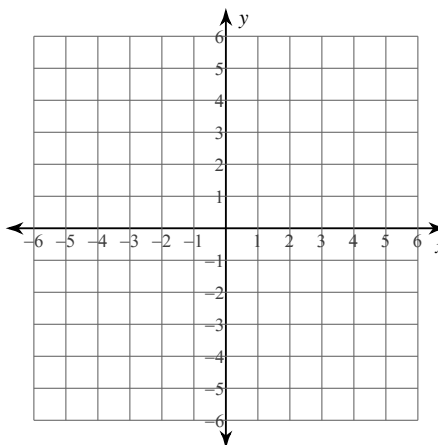


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $-6 - 3x - \frac{6}{5}y = 0$

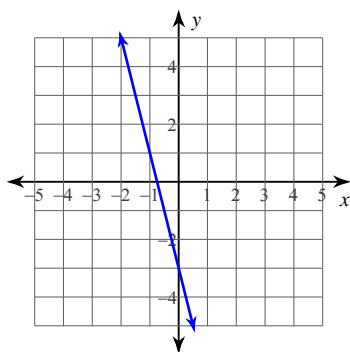


17)  $2x + 16 = -4y$

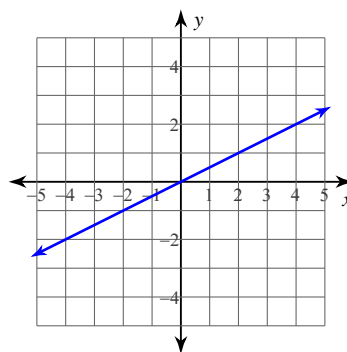


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope = 4, y-intercept = 3

21) Slope =  $-\frac{2}{3}$ , y-intercept = 1

**Cummulative Skills Review**

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**Skill #1--Variables on Both Sides--Solve each equation.**

1)  $7 + 5x = -7 - 7x + 5x$

2)  $9 + 7p - 8p = 4p + 4$

**Skill #2--Parentheses--Solve each equation.**

3)  $8(n - 7) = 2(5 + 7n)$

**Skill #4--Check to see if -2 is the correct answer.**

4)  $2 + 8(-3b + 8) = -29 - 5b$

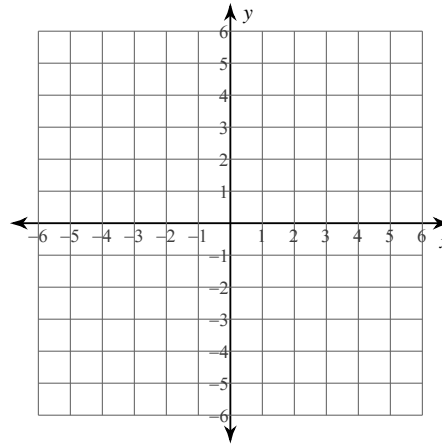
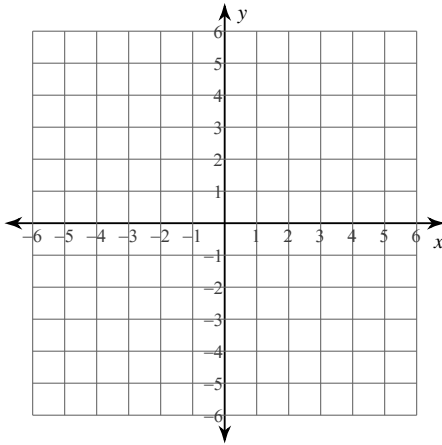
**Evaluate.**

5)  $(x + x - y) \div 4 + x$ ; use  $x = 4$ , and  $y = 4$

**Skill #7--Generate a Table of Values and then Graph the Line.**

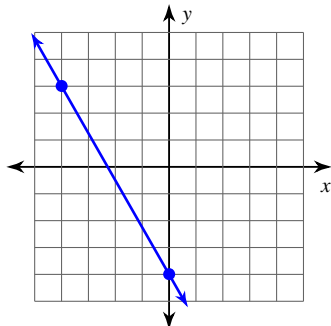
6)  $2x - y = -4$

7)  $x + 3y = 6$

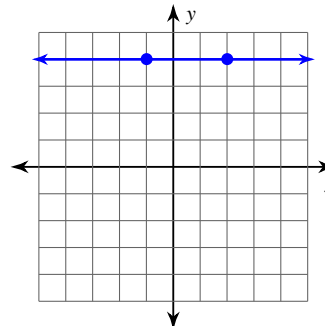


**Skill #8--Find the Slope of tthe Line using Slope Triangles.**

8)



9)





**Skill #9--Find the Slope of the Line using  $m=(y_2 - y_1)/(x_2 - x_1)$**

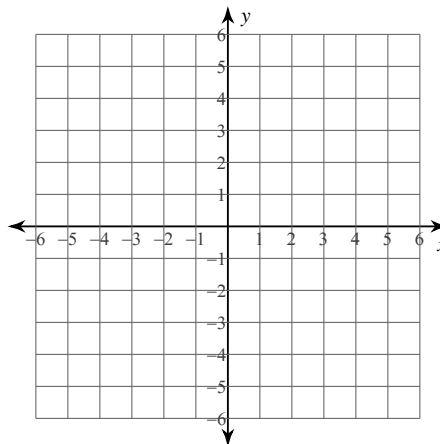
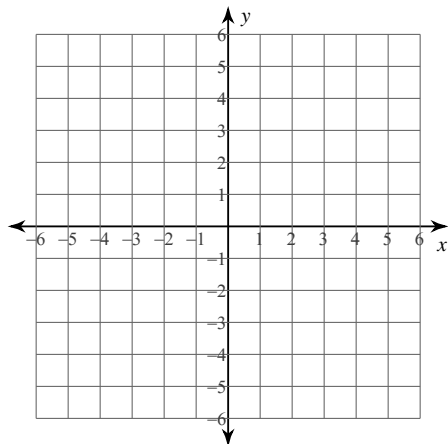
10)  $(8, 14), (16, -15)$

11)  $(-4, 2), (7, 0)$

**Skill #13--Graph a Linear Equation using Slope Intercept Form. Rewrite equation if needed.**

12)  $y = \frac{4}{5}x + 1$

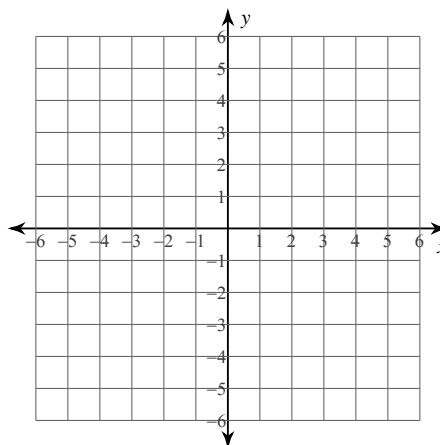
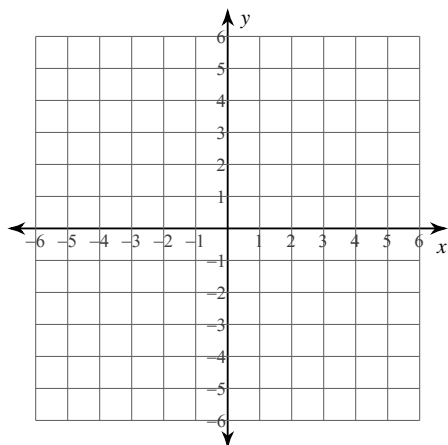
13)  $y = -\frac{7}{2}x + 4$



**Skill #14--Rewrite into Slope Intercept form then Graph**

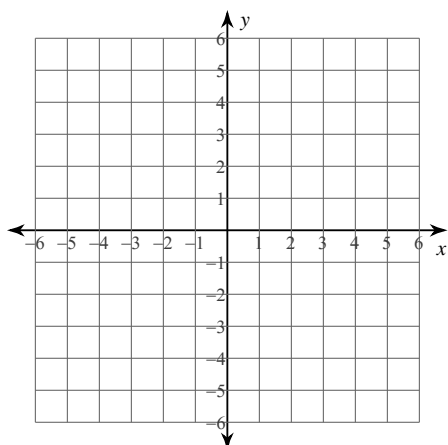
14)  $7x - y = -5$

15)  $2x + 5y = -20$

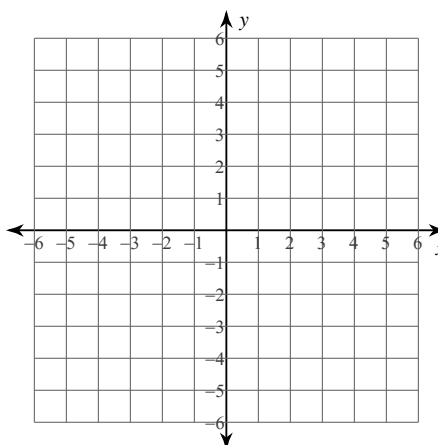


**Skill #15--Graph a Linear Equation using Intercepts. Find the x and y intercepts then graph.**

16)  $-2 = -2x + y$

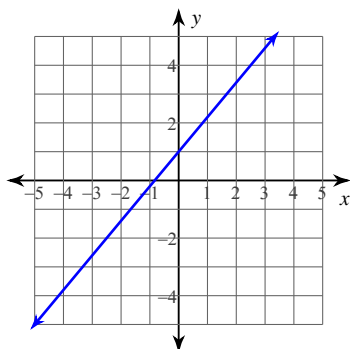


17)  $6x + 15y = 0$

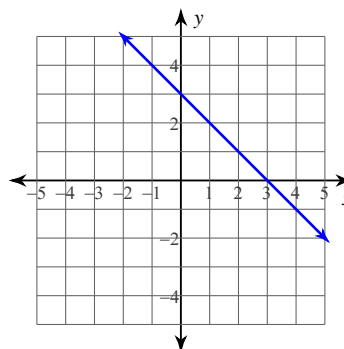


**Skill #16--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

18)



19)



**Skill #17--Write the slope-intercept form of the equation of each line given the slope and y-intercept.**

20) Slope =  $\frac{3}{2}$ , y-intercept =  $-5$

21) Slope = 1, y-intercept = 5