

**Cummulative Skills Review**

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Date \_\_\_\_\_

**Skill #26--Solving Multi-Step Equations**

1)  $-1 = 2v - 7 + 4$

2)  $1 + 3n - 4n = 9$

3)  $16 = 7b + b$

**Skill #27--Variables on Both Sides**

4)  $4 + x - 8 + x = 6x - 8x$

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

6)  $-3a + 8 = -3a + 8a$

**Skill #28--Solving Equations with Parentheses**

7)  $208 = 8(2 + 4x)$

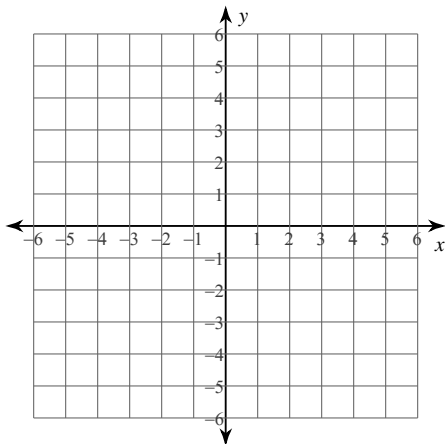
8)  $-6(1 + 3k) = 102$

9)  $41 = -3(1 - 4n) + 8(n - 2)$

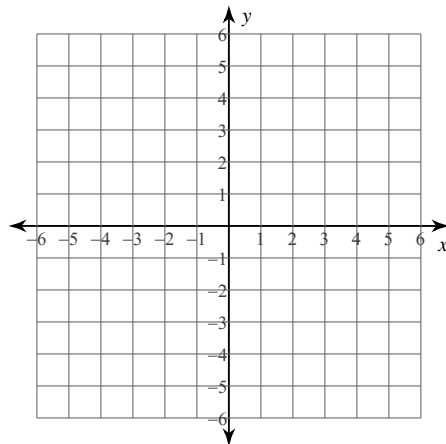
10)  $8(1 + 7x) + 8(x + 3) = -32$

### Skill #15--Graph Using Slope Intercept Form

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

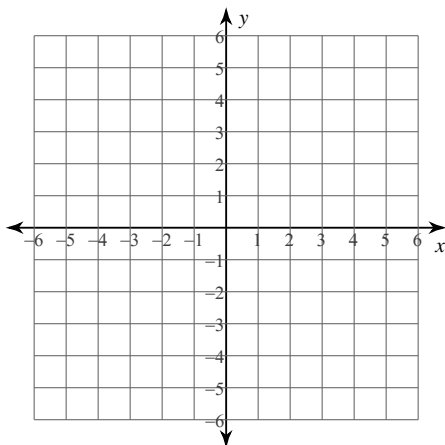


12)  $y = -\frac{2}{3}x - 3$

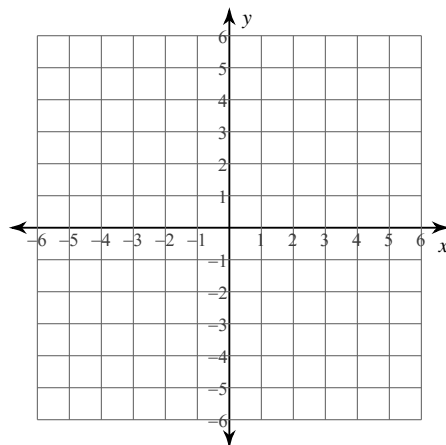


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $4x - 5y = 0$

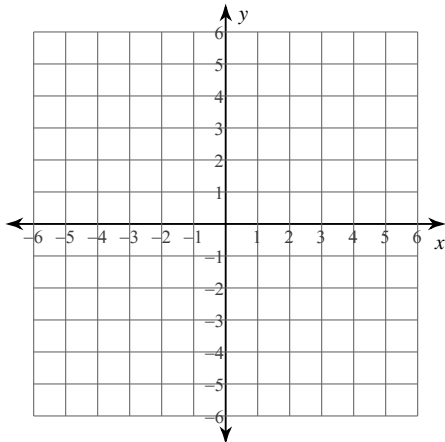


14)  $4x - y = 1$

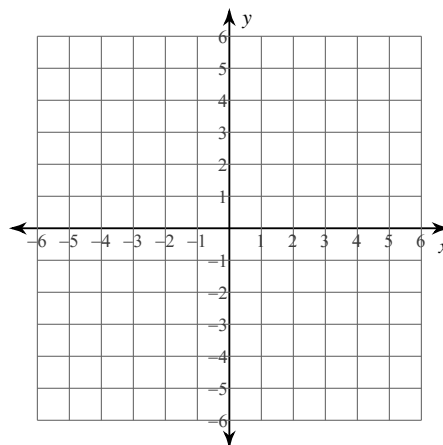


### Skill #17--Graph a Line Using Intercepts

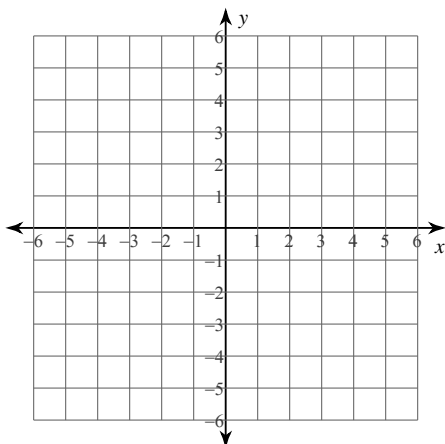
15)  $y = -\frac{1}{3}x + 1$



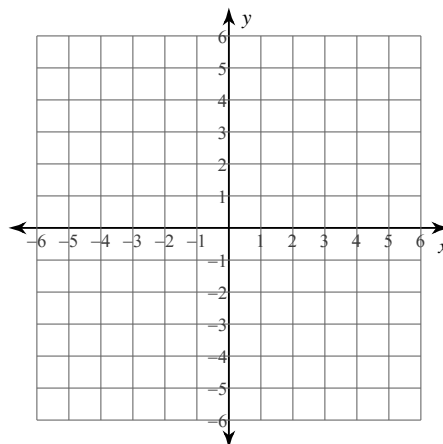
16)  $y = 3x - 1$



17)  $8x - y = -5$

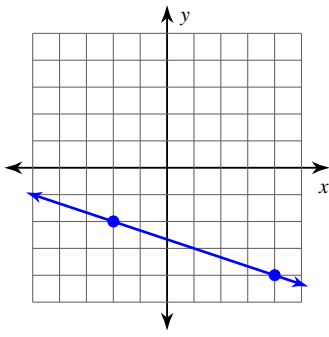


18)  $3x - y = -3$

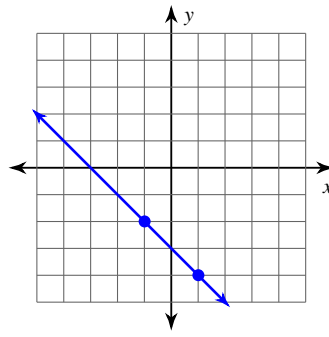


**Skill #18--Write the Equation in Slope Intercept Form**

19)

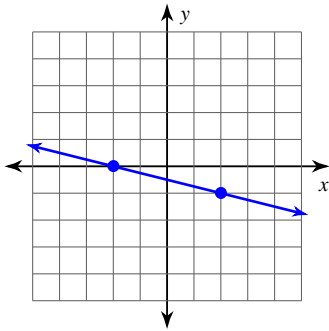


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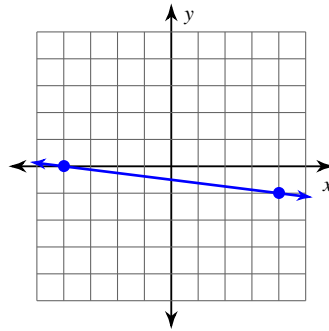


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(-14, 6), (15, 16)$

24)  $(15, -14), (6, -2)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(0, 0)$  and  $(-5, -3)$

26) through:  $(-3, -4)$  and  $(1, 0)$

27) through:  $(0, -1)$  and  $(2, -3)$

**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $-20 = -7r + 6 - 5$

2)  $-8b + 8b = 0$

3)  $-16 = -6x - 2x$

**Skill #27--Variables on Both Sides**

4)  $7 + 3a = -4a + 8 - 8$

5)  $2 - 4n = n + 6n + 13$

6)  $-7v - 1 = 3 - 7v$

**Skill #28--Solving Equations with Parentheses**

7)  $4 + 8(-7x + 6) = -396$

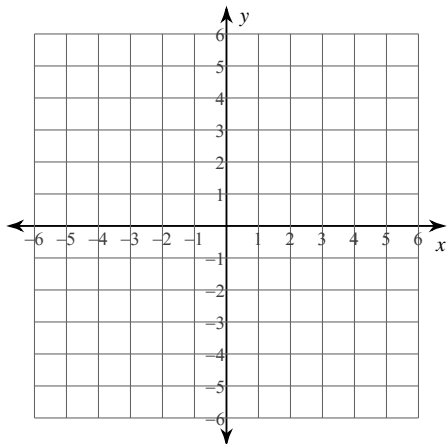
8)  $90 = 3(-7x + 2)$

9)  $67 = 4(1 - k) + 5(1 - 5k)$

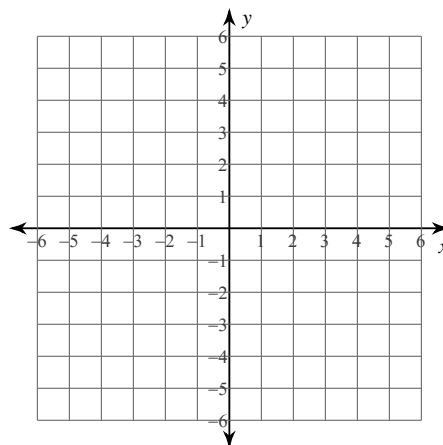
10)  $9 = 6(8 - 8n) + 3(1 + 2n)$

### Skill #15--Graph Using Slope Intercept Form

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

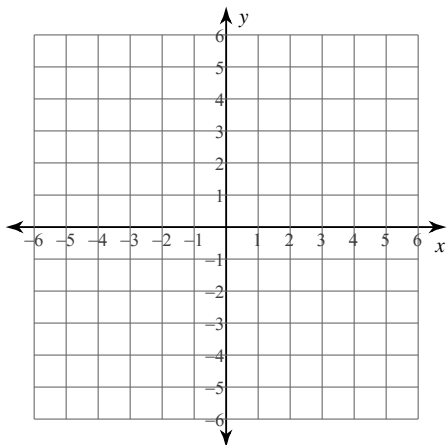


12)  $y = 2x - 1$

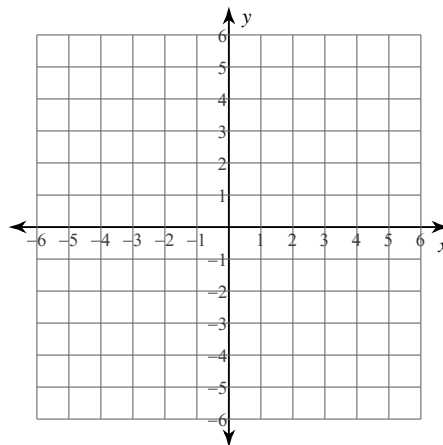


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $5x + 2y = 6$

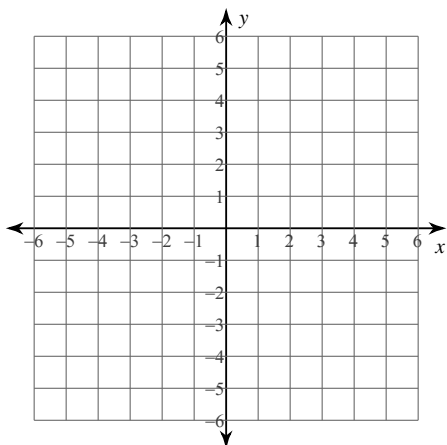


14)  $5x - 2y = -8$

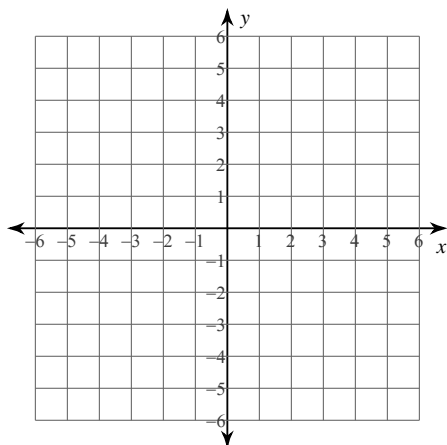


### Skill #17--Graph a Line Using Intercepts

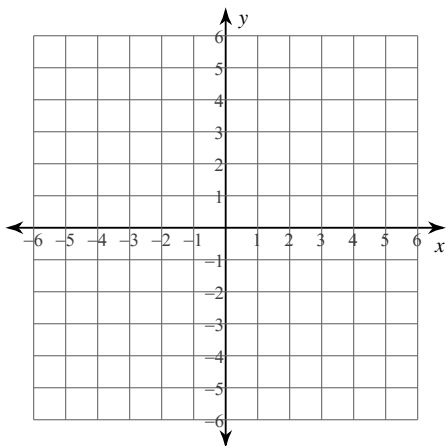
15)  $y = 2x - 3$



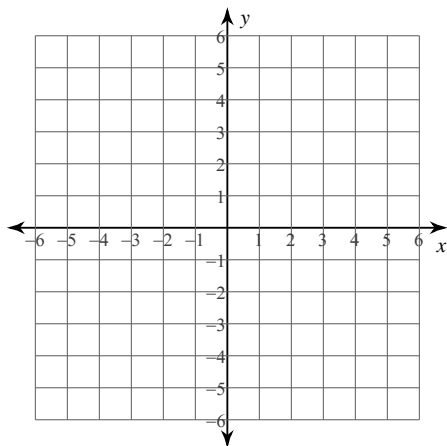
16)  $y = x - 5$



17)  $x + y = -2$

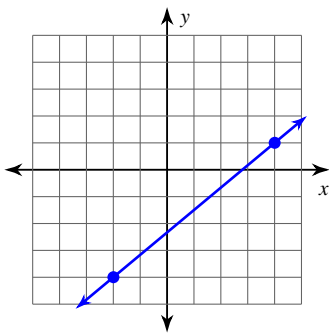


18)  $x - 2y = 0$

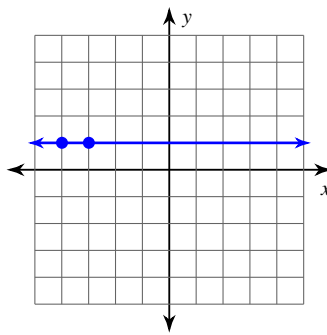


**Skill #18--Write the Equation in Slope Intercept Form**

19)

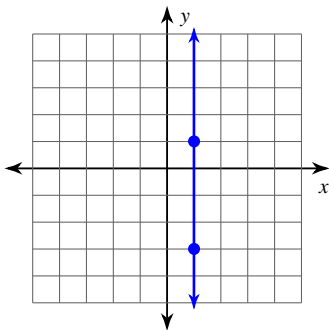


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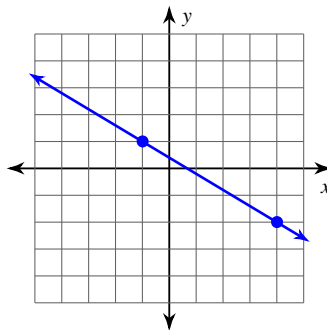


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(-14, -13), (-8, 7)$

24)  $(14, 16), (-18, -10)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(0, -2)$  and  $(-5, 2)$

26) through:  $(0, -4)$  and  $(2, -2)$

27) through:  $(-4, -2)$  and  $(-4, -5)$



**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

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

2)  $12 = -4n - 8n$

3)  $0 = -6r - 7r$

**Skill #27--Variables on Both Sides**

4)  $2r + 6 - 7 = 8r - 3 - 2 + 10$

5)  $4 - 3b = 6 - 7b + 4b$

6)  $x - 7 = -1 + 2x$

**Skill #28--Solving Equations with Parentheses**

7)  $5(-7n + 4) = -190$

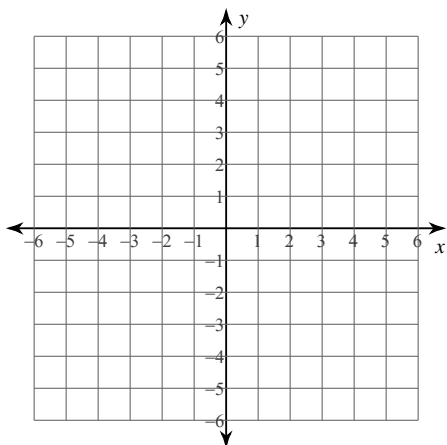
8)  $-6(-3a - 8) = 156$

9)  $3(1 - 4x) - 6(-6x + 3) = -39$

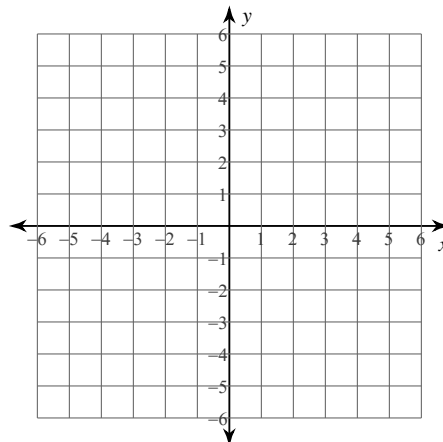
10)  $29 = 5(1 - 6v) - 2(1 - 2v)$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = 8x + 3$

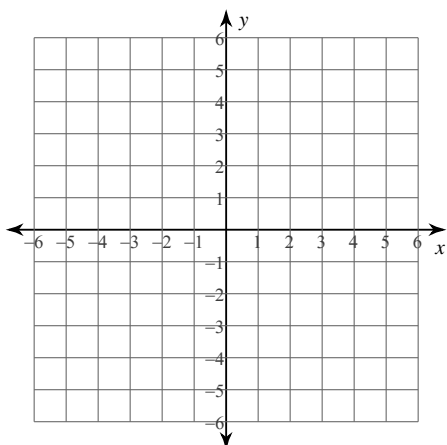


12)  $y = \frac{3}{2}x + 2$

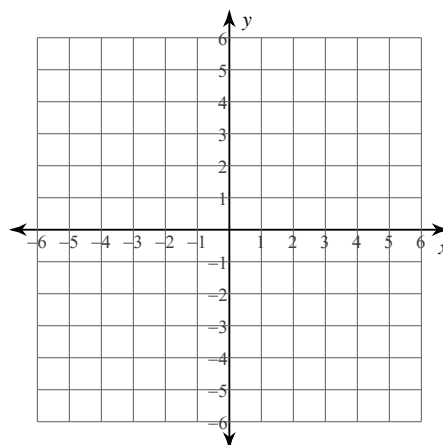


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $9x + 5y = 25$

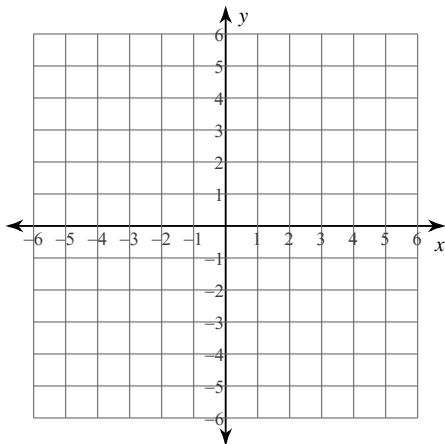


14)  $3x - y = 4$

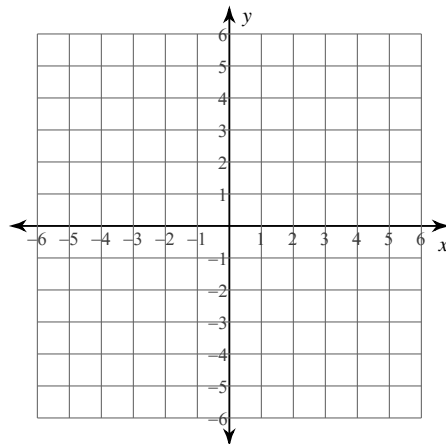


### Skill #17--Graph a Line Using Intercepts

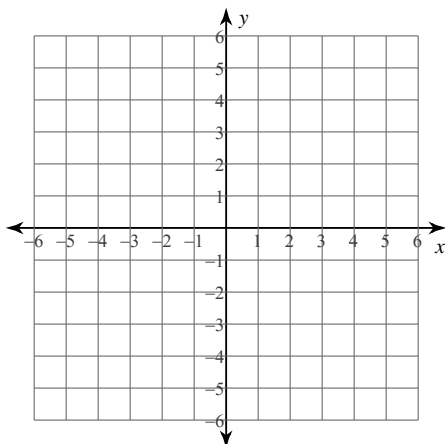
15)  $y = -\frac{2}{5}x - 1$



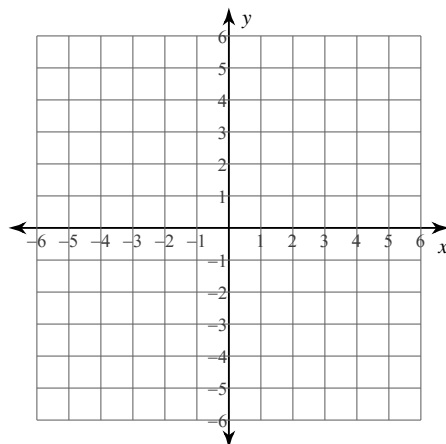
16)  $y = \frac{1}{2}x - 2$



17)  $3x + 4y = 4$

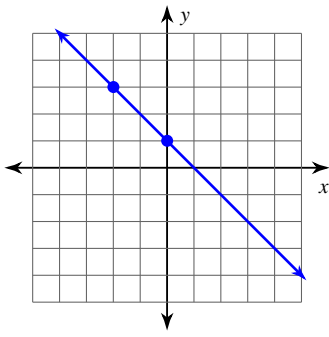


18)  $x - y = -3$

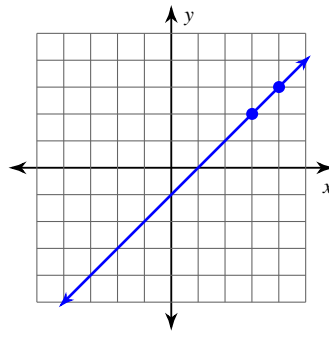


**Skill #18--Write the Equation in Slope Intercept Form**

19)

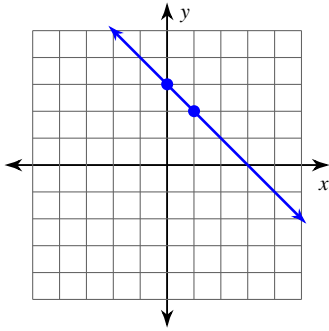


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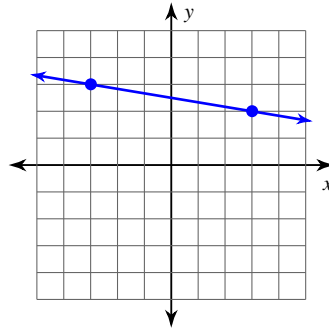


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(-7, -7), (1, -11)$

24)  $(-10, 13), (16, -18)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(3, 5)$  and  $(0, 5)$

26) through:  $(5, 2)$  and  $(0, 4)$

27) through:  $(4, 2)$  and  $(0, 5)$

**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $8n - 7 + 8 = 17$

2)  $6m + 2m = -8$

3)  $0 = 3x + 4x$

**Skill #27--Variables on Both Sides**

4)  $-14 + 8r = 2r + 8r$

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

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

**Skill #28--Solving Equations with Parentheses**

7)  $7(v - 8) = -91$

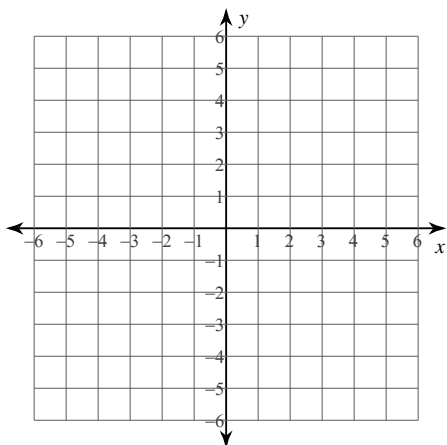
8)  $-7(2b - 1) = 119$

9)  $3(4x + 7) + 4(2 - 7x) = -3$

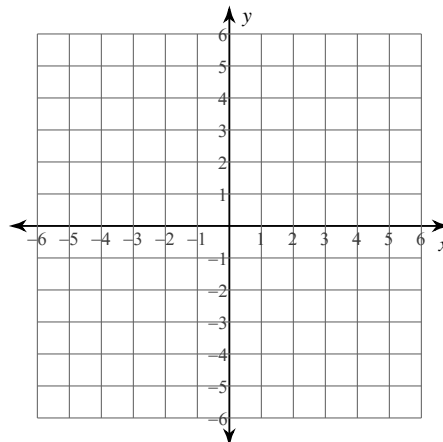
10)  $52 = 6(7n - 4) - 8(3n - 5)$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = 8x - 5$

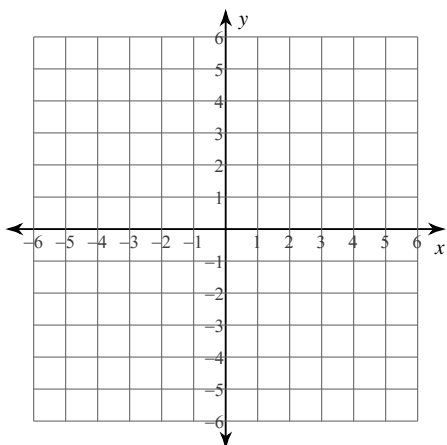


12)  $y = \frac{3}{5}x + 5$

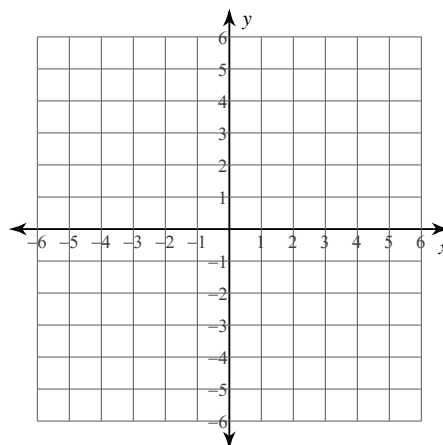


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $7x + 2y = -6$

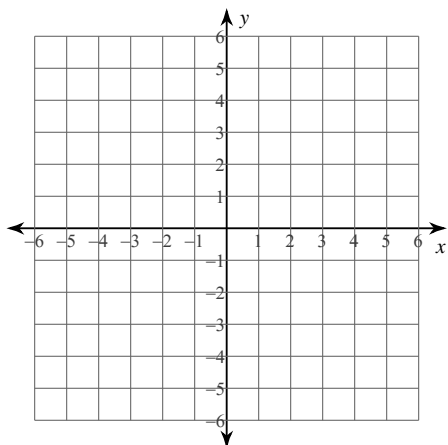


14)  $6x - 5y = 5$

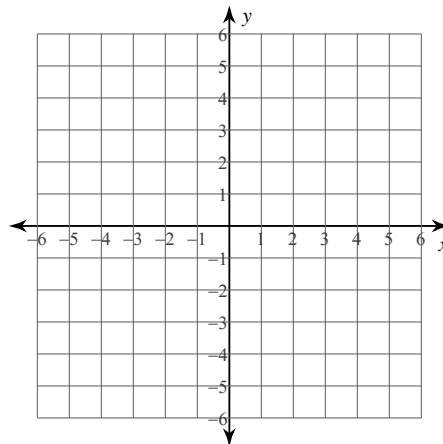


### Skill #17--Graph a Line Using Intercepts

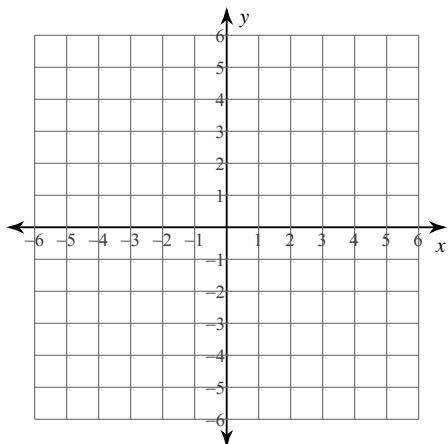
15)  $y = -6x + 1$



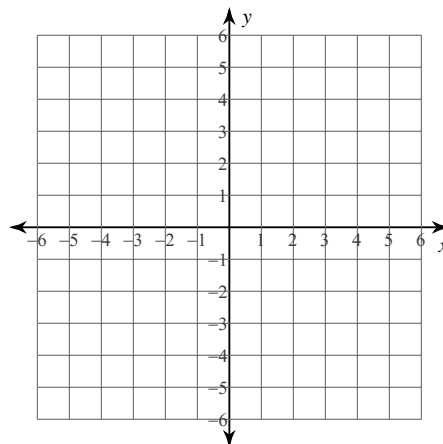
16)  $y = \frac{7}{3}x + 2$



17)  $3x + y = -5$

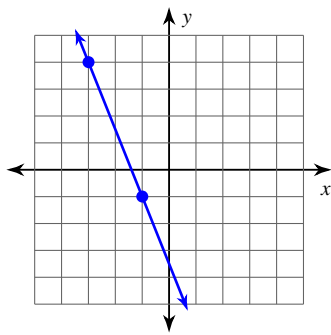


18)  $2x + y = 4$

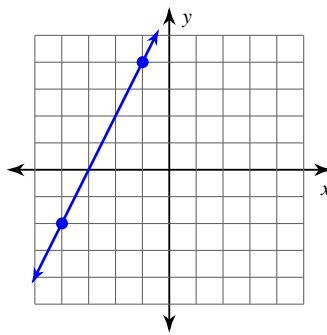


**Skill #18--Write the Equation in Slope Intercept Form**

19)

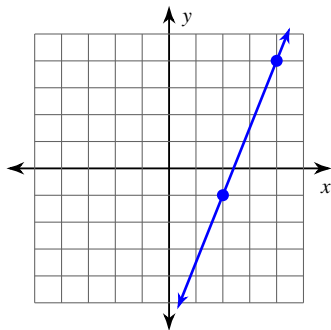


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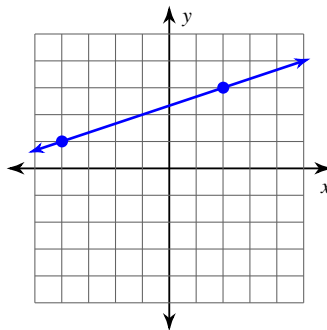


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(-3, 9), (-7, 3)$

24)  $(10, -11), (2, 20)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(0, 3)$  and  $(3, -3)$

26) through:  $(-2, -1)$  and  $(5, 2)$

27) through:  $(-2, -5)$  and  $(2, 3)$



**Cummulative Skills Review**

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Date \_\_\_\_\_

**Skill #26--Solving Multi-Step Equations**

1)  $6a - 6 - 7a = -14$

2)  $-2p - 4p = -6$

3)  $20 = -7k - 3k$

**Skill #27--Variables on Both Sides**

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

5)  $m - 7 = -10 + m$

6)  $1 + n = 6 + 3n - 5 + 16$

**Skill #28--Solving Equations with Parentheses**

7)  $-6(6x - 1) = 294$

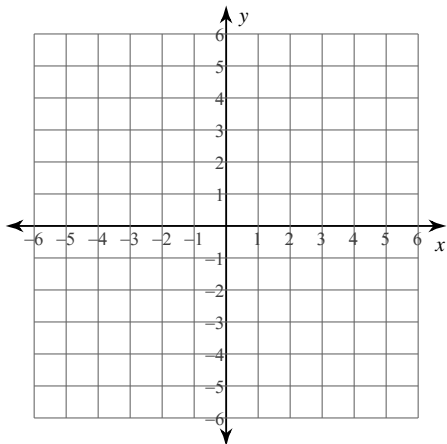
8)  $-182 = 7(-5r - 6)$

9)  $3(n - 2) - 2(1 - 3n) = -62$

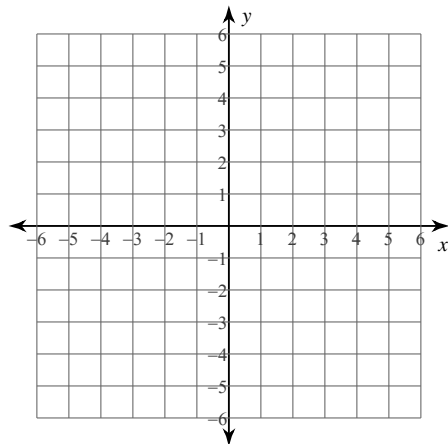
10)  $-56 = -3(1 + 3b) - (b - 7)$

### Skill #15--Graph Using Slope Intercept Form

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

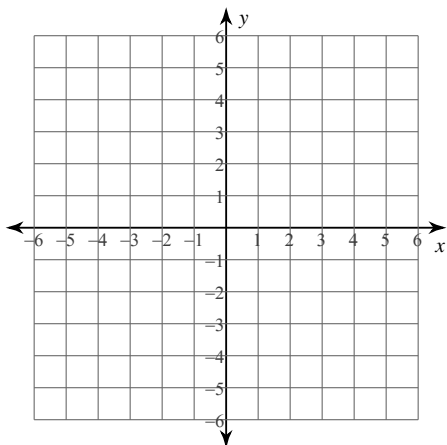


12)  $y = -\frac{4}{3}x - 4$

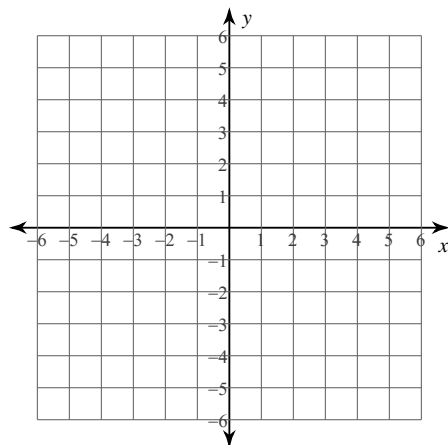


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $x - y = 0$

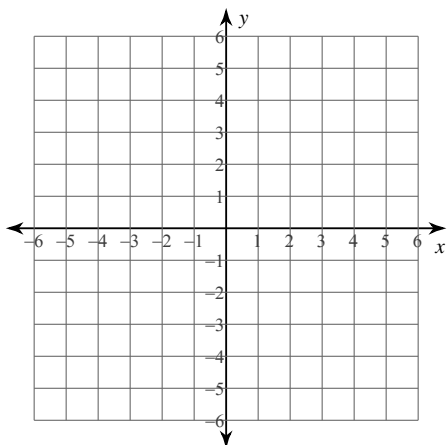


14)  $x + 3y = 3$

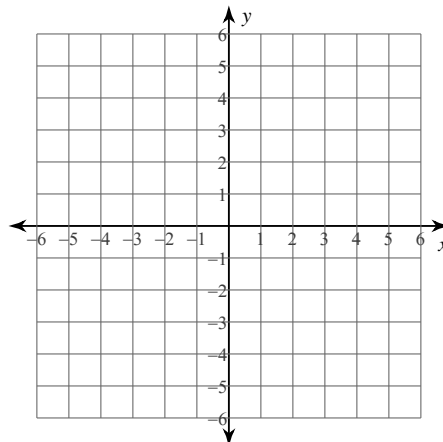


### Skill #17--Graph a Line Using Intercepts

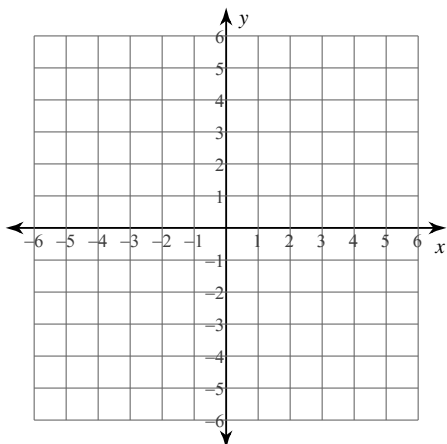
15)  $y = 2x + 5$



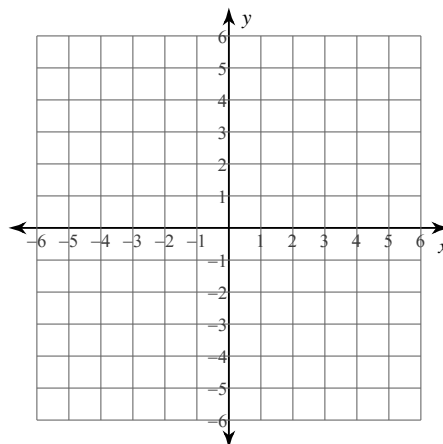
16)  $y = -\frac{1}{2}x + 4$



17)  $7x - 4y = 8$

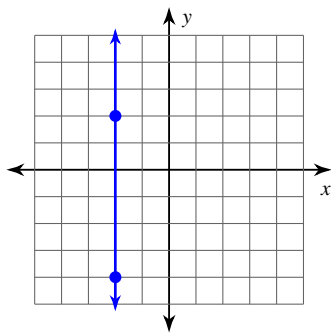


18)  $9x + 4y = -20$

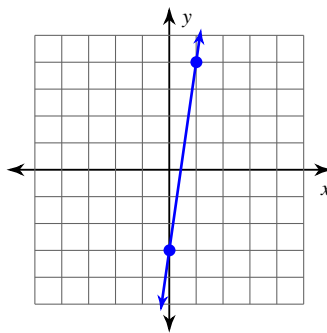


**Skill #18--Write the Equation in Slope Intercept Form**

19)

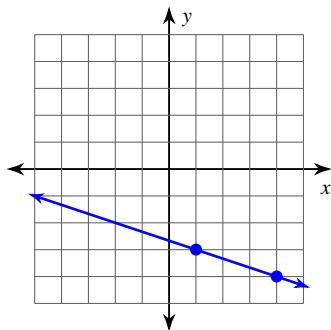


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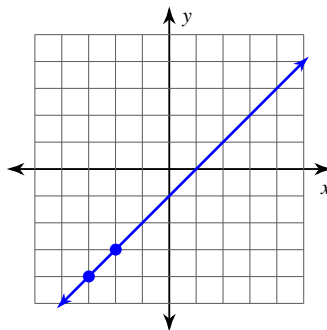


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(17, -14), (12, 2)$

24)  $(4, 15), (2, -15)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(5, 2)$  and  $(-2, -1)$

26) through:  $(5, -1)$  and  $(-1, 2)$

27) through:  $(0, 0)$  and  $(5, -4)$

**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $-5 = 7v - 2 - 8v$

2)  $10 = 3x + 7x$

3)  $8x - 2x = 6$

**Skill #27--Variables on Both Sides**

4)  $7p - 4 + 2p = 7 + 8p - 3 - 1$

5)  $-4k + 4 = -4k + 4$

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

**Skill #28--Solving Equations with Parentheses**

7)  $-2(7 + 7n) = -112$

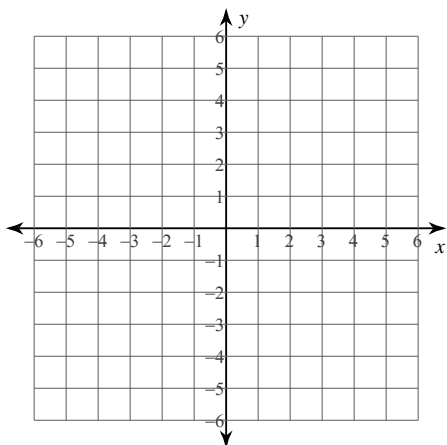
8)  $-171 = -3(1 + 7x)$

9)  $-13 = 3(m + 8) - 7(1 - m)$

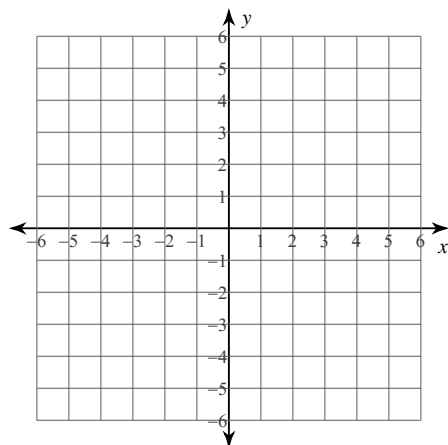
10)  $-7(-4r - 4) - 6(6r + 7) = -70$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = x + 1$

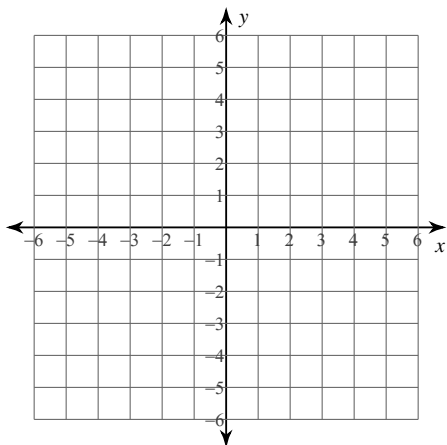


12)  $y = -2x - 1$

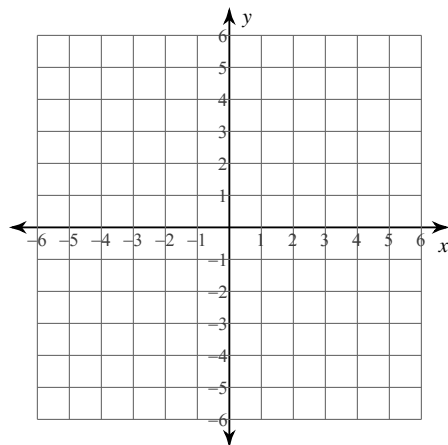


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $4x + 5y = 15$

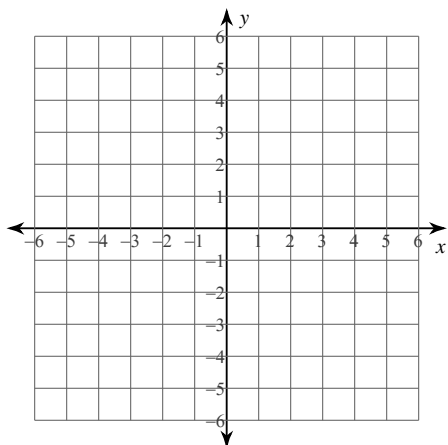


14)  $4x + y = 4$

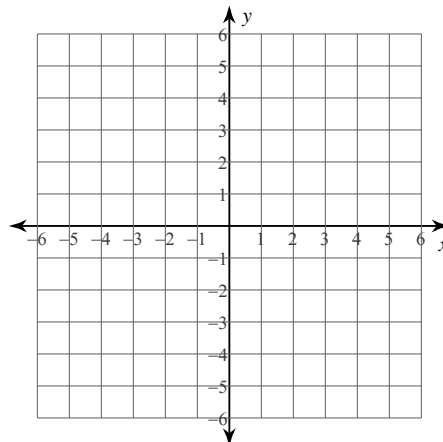


### Skill #17--Graph a Line Using Intercepts

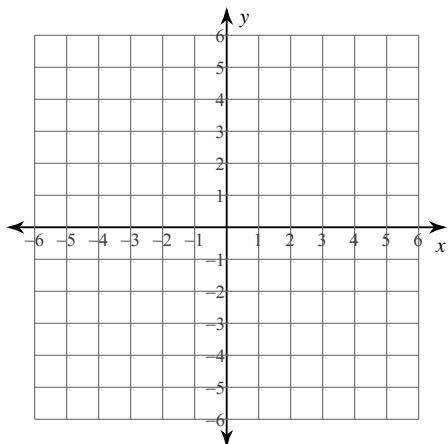
15)  $y = -x - 4$



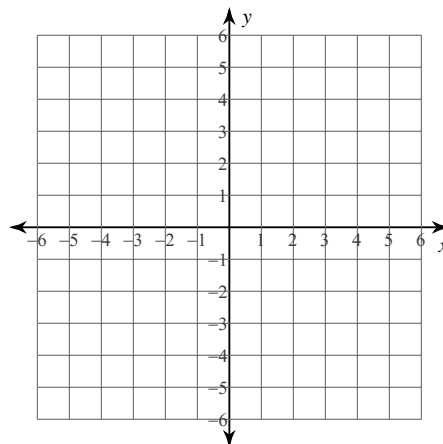
16)  $y = \frac{4}{3}x - 3$



17)  $7x + 4y = -8$

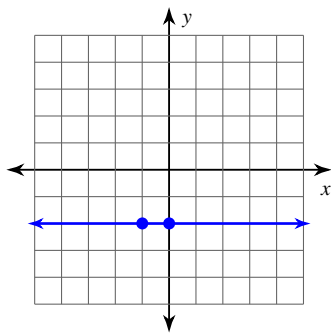


18)  $2x + 5y = 5$

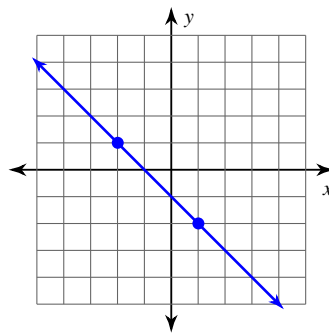


**Skill #18--Write the Equation in Slope Intercept Form**

19)

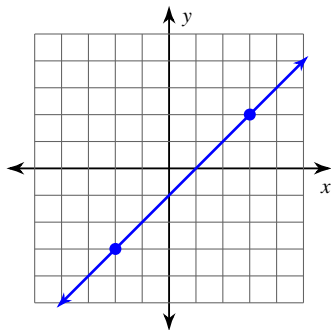


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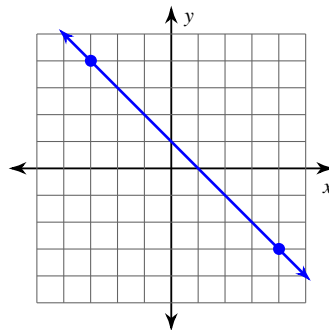


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(-16, -9), (-20, -7)$

24)  $(12, 12), (0, -8)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(1, -3)$  and  $(-4, -3)$

26) through:  $(-3, -3)$  and  $(2, 3)$

27) through:  $(4, -2)$  and  $(1, 0)$



**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $-5n + n = 24$

2)  $-2 = 2x - 2 - 2x$

3)  $-7b - 8b = -15$

**Skill #27--Variables on Both Sides**

4)  $1 - 2x + 3 = -2 - 3x$

5)  $1 + 8x = 13 + 6x - 4x$

6)  $8v - 7v = 5v$

**Skill #28--Solving Equations with Parentheses**

7)  $310 = -5(7a - 6)$

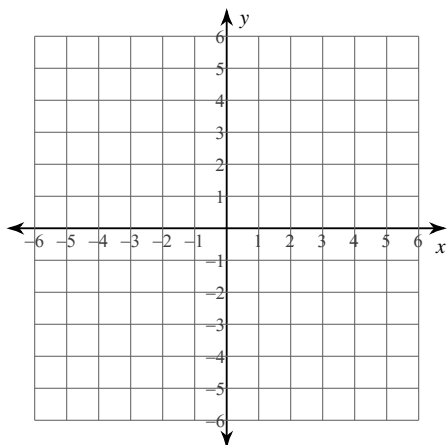
8)  $7k + 3(2k - 5) = 89$

9)  $-7(p - 4) + 7(1 - 4p) = -35$

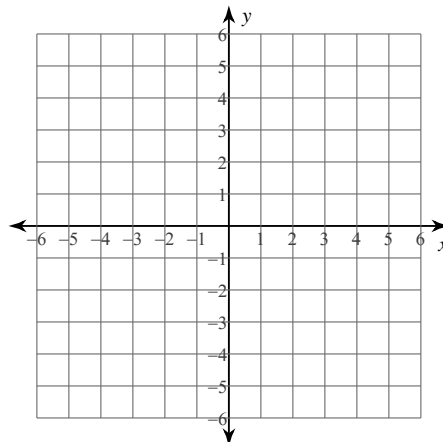
10)  $-5(1 - 2x) - 2(3x + 7) = -31$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = -8x + 3$

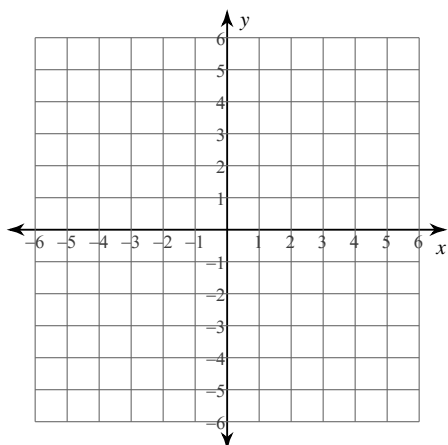


12)  $y = -\frac{7}{4}x + 2$

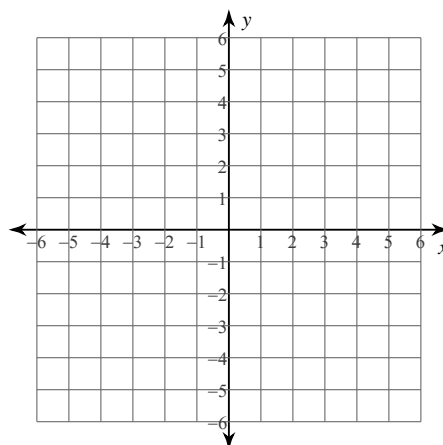


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $x - 3y = 12$

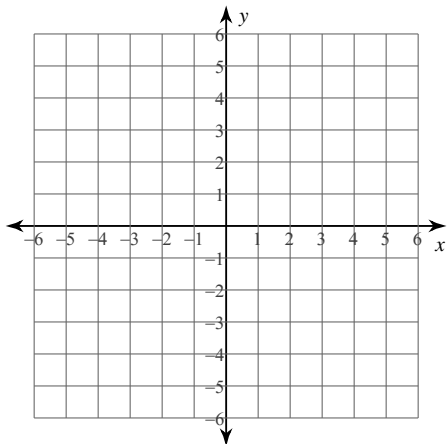


14)  $x + 3y = -15$

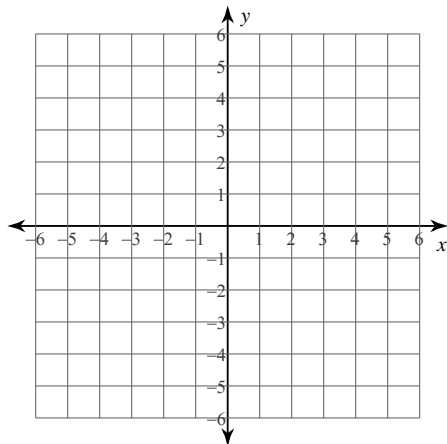


### Skill #17--Graph a Line Using Intercepts

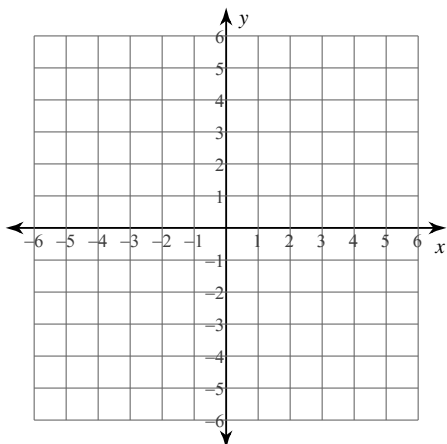
15)  $y = \frac{1}{2}x - 2$



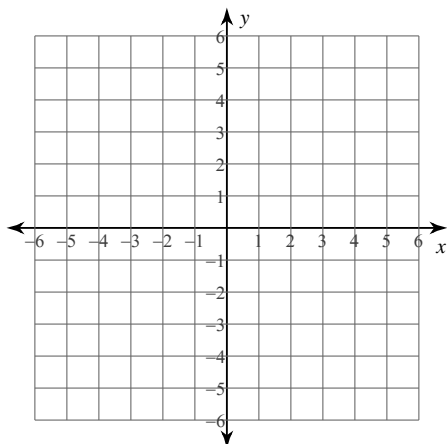
16)  $y = \frac{1}{2}x$



17)  $2x + 3y = 3$

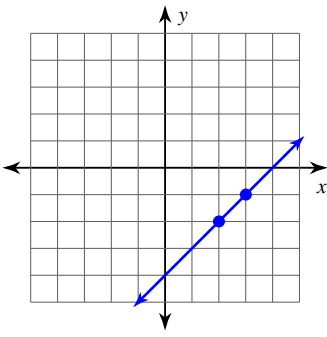


18)  $4x - y = -3$

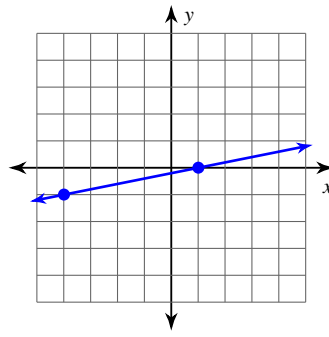


**Skill #18--Write the Equation in Slope Intercept Form**

19)

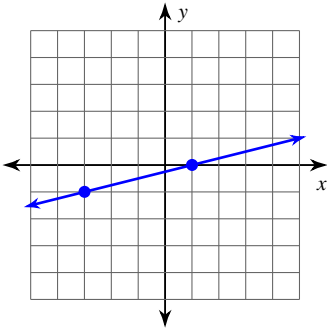


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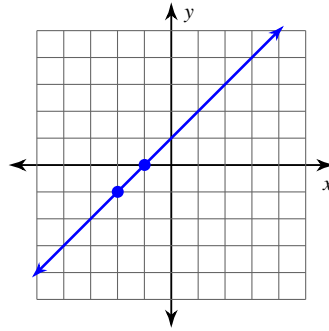


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(19, 8), (13, -2)$

24)  $(-9, -12), (-10, 15)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(0, -5)$  and  $(-3, -4)$

26) through:  $(-4, -5)$  and  $(-3, 4)$

27) through:  $(4, 4)$  and  $(4, -2)$

**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

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

2)  $-3m + 3m = 8$

3)  $4 = -8 - 2r - 4r$

**Skill #27--Variables on Both Sides**

4)  $2x - 14 = -6x - 6$

5)  $1 + 7b = 6b + 6$

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

**Skill #28--Solving Equations with Parentheses**

7)  $92 = 8(x + 7) - 2x$

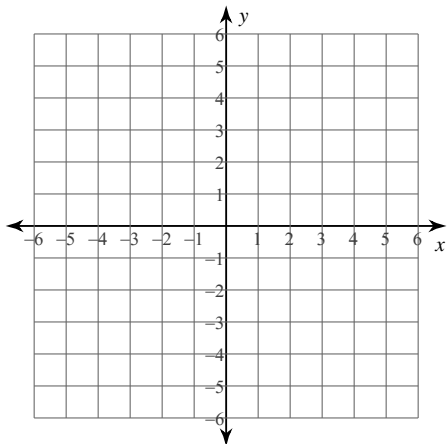
8)  $-190 = -8(2v + 7) - 6$

9)  $-6(3a - 1) + 6(a - 5) = -24$

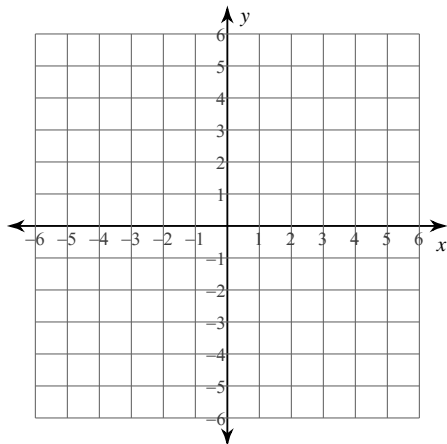
10)  $-6(x - 3) + 7(x - 1) = 12$

### Skill #15--Graph Using Slope Intercept Form

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

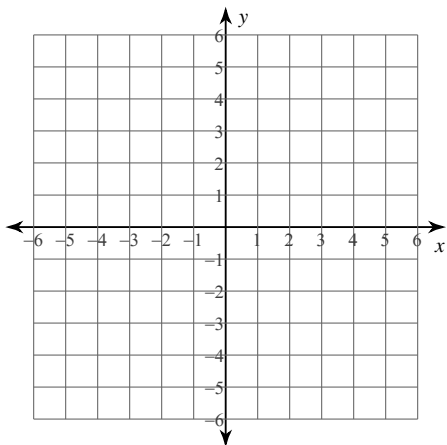


12)  $y = \frac{2}{3}x + 5$

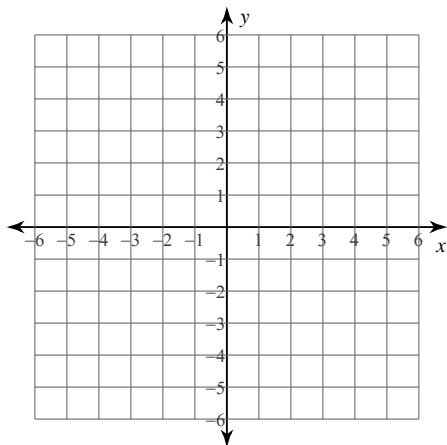


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $3x + 2y = -2$

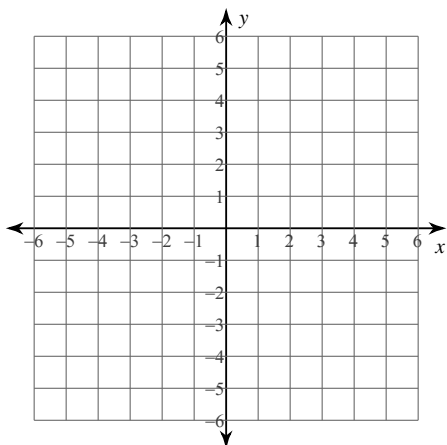


14)  $6x + y = -2$

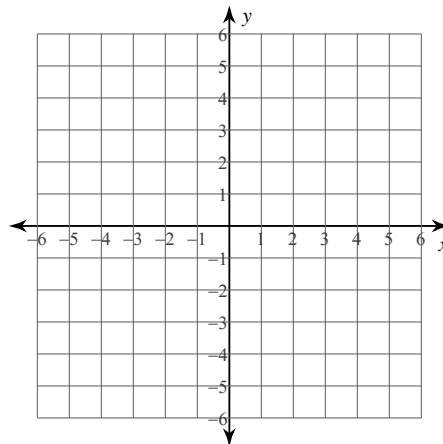


### Skill #17--Graph a Line Using Intercepts

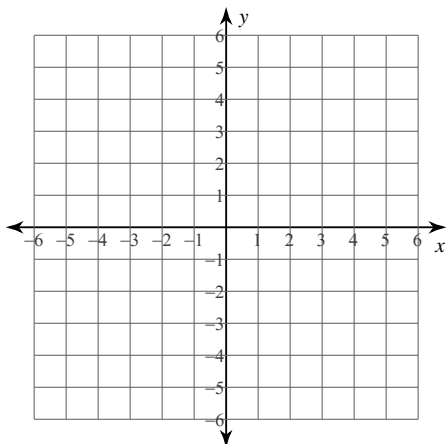
15)  $y = 8x + 3$



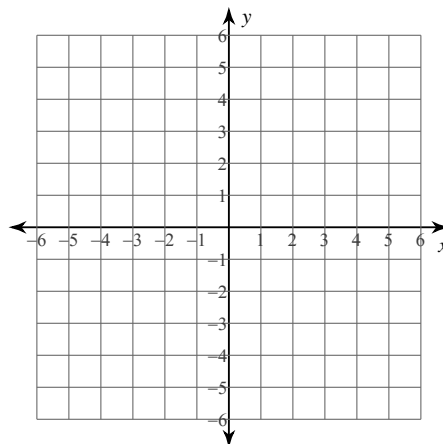
16)  $y = -\frac{5}{3}x$



17)  $x - y = 5$

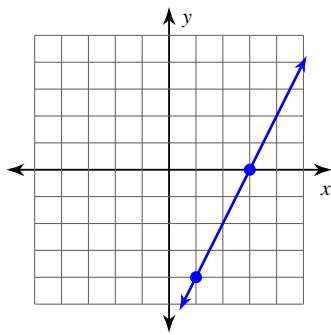


18)  $7x - 5y = -20$

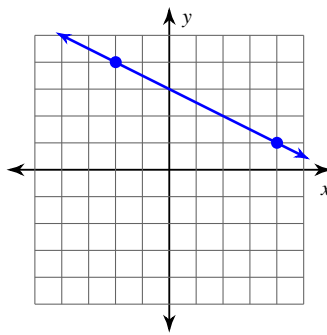


**Skill #18--Write the Equation in Slope Intercept Form**

19)

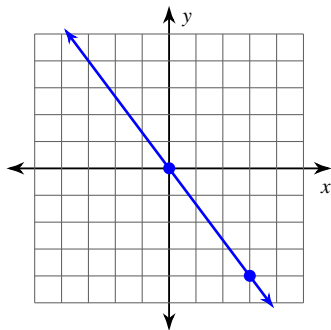


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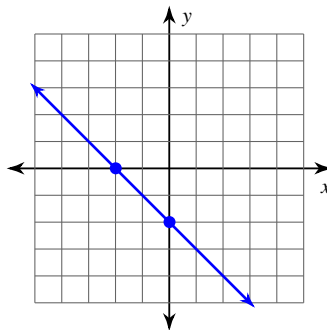


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(-1, -15), (-9, 6)$

24)  $(-14, 14), (-18, -12)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(4, -3)$  and  $(0, 3)$

26) through:  $(-4, 2)$  and  $(4, 4)$

27) through:  $(-3, -2)$  and  $(4, 3)$



**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $5 = m + 2 + 2$

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

3)  $7p - 4p = -21$

**Skill #27--Variables on Both Sides**

4)  $7m + 7 = 12 + 7m$

5)  $n + 8 = -10 + 4n$

6)  $6 - 8r = -12 - 2r$

**Skill #28--Solving Equations with Parentheses**

7)  $6x + 8(x + 5) = 96$

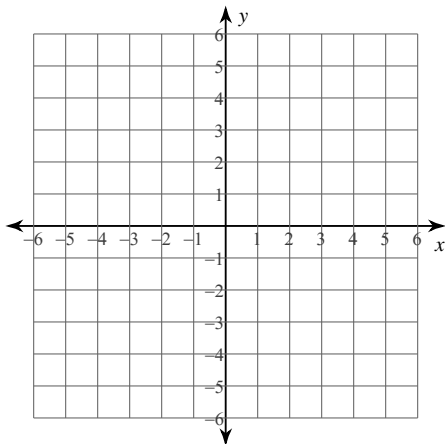
8)  $-183 = -n - 4(7n - 5)$

9)  $8 = -6(6 + v) + 6(v + 8)$

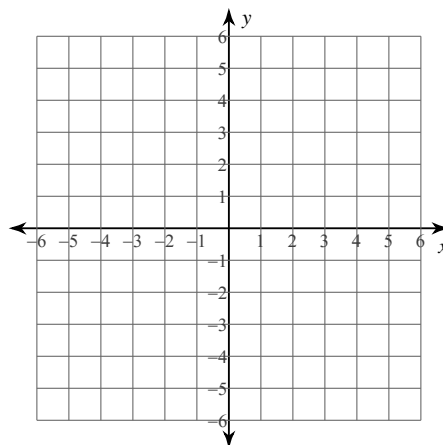
10)  $-4(b - 1) + 6(b - 5) = -26$

### Skill #15--Graph Using Slope Intercept Form

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

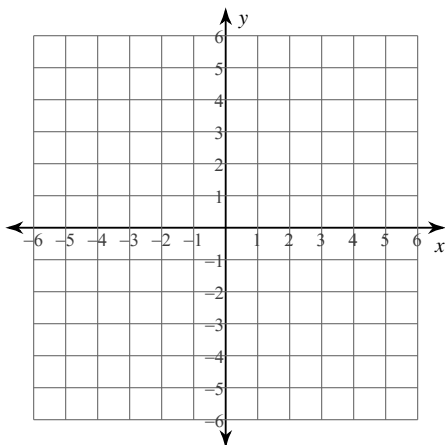


12)  $y = -x - 2$

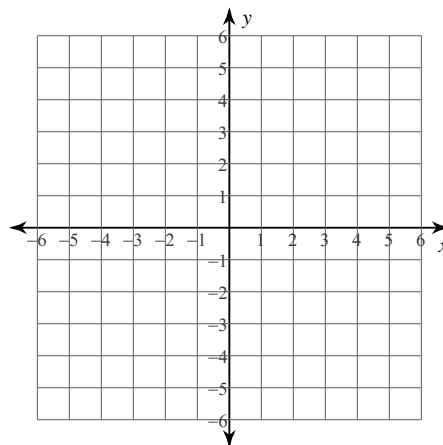


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $x - 3y = -3$

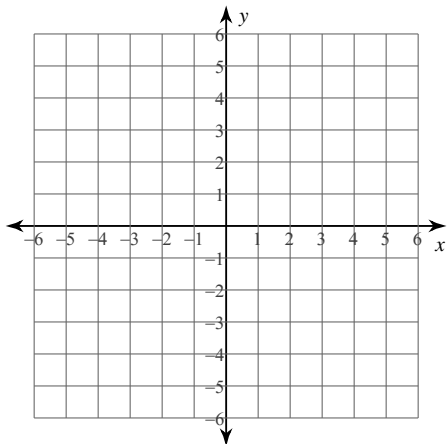


14)  $x + y = 2$

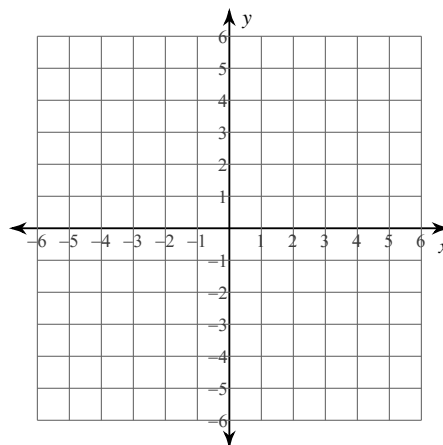


### Skill #17--Graph a Line Using Intercepts

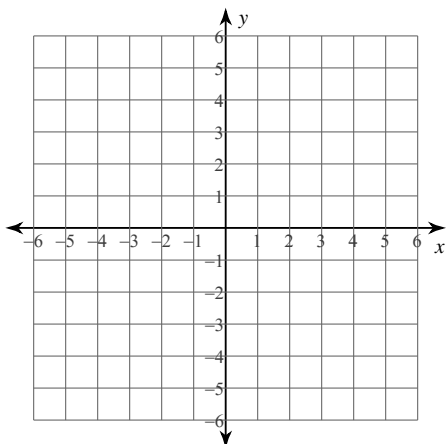
15)  $y = \frac{9}{2}x - 5$



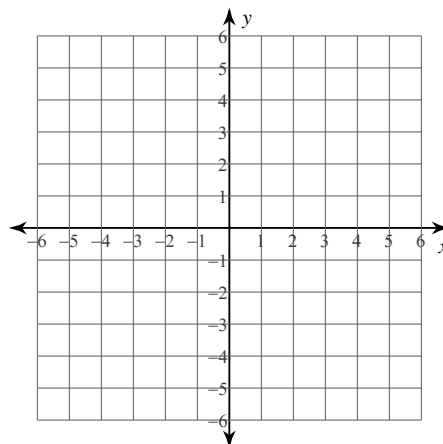
16)  $y = x + 3$



17)  $4x + y = -4$

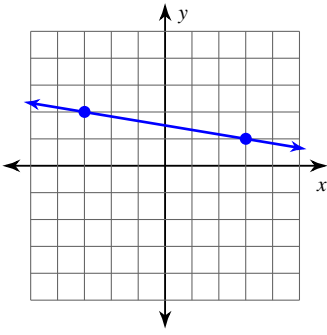


18)  $7x - 5y = 10$

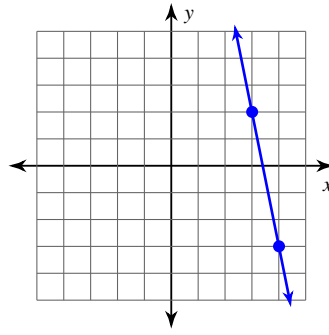


**Skill #18--Write the Equation in Slope Intercept Form**

19)

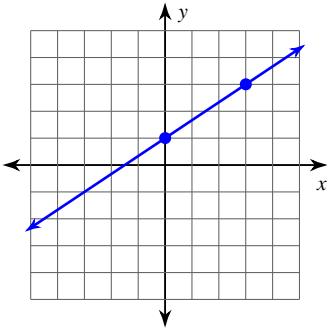


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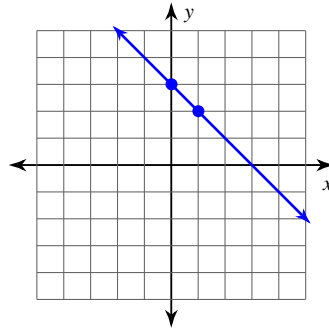


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(2, 10), (-9, 11)$

24)  $(6, -19), (1, -13)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(3, 1)$  and  $(4, -4)$

26) through:  $(1, -5)$  and  $(0, 0)$

27) through:  $(0, 0)$  and  $(4, -4)$

**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $-6x + 8x = -14$

2)  $1 - 8n - 7 = -14$

3)  $-x + 7x = -24$

**Skill #27--Variables on Both Sides**

4)  $-4p + 6p + 6 = -3p + 7p$

5)  $m + 7 = 6m + 2$

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

**Skill #28--Solving Equations with Parentheses**

7)  $174 = 6 + 3(7b + 7)$

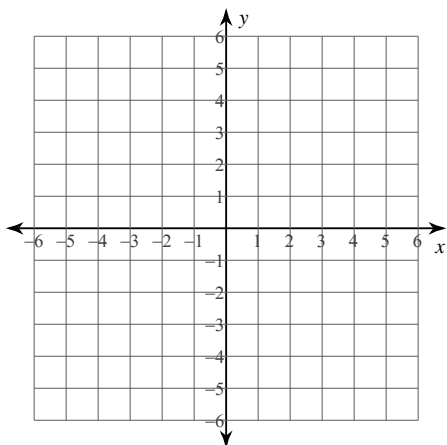
8)  $6 + 6(1 + 7n) = 180$

9)  $4 = 6(1 + 3r) + 8(-r + 6)$

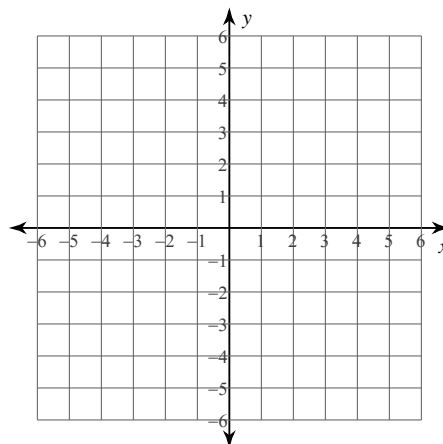
10)  $-49 = -7(6 + 2x) - 3(1 - 6x)$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = 3x + 1$

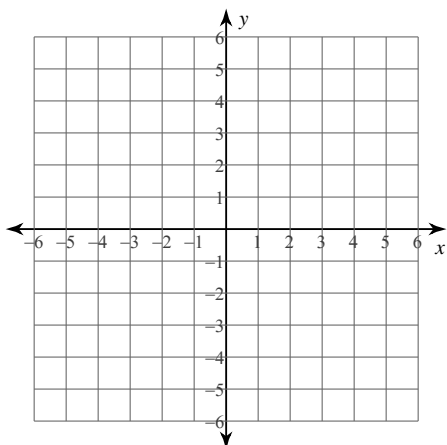


12)  $y = -\frac{1}{2}x$

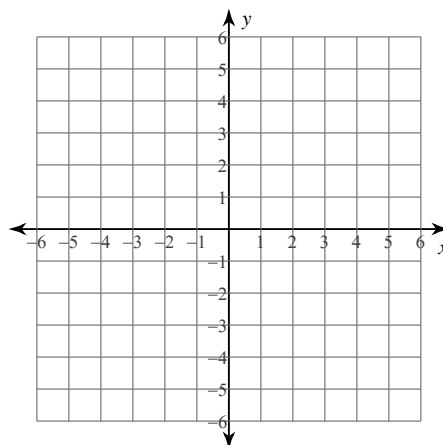


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $2x + y = 5$

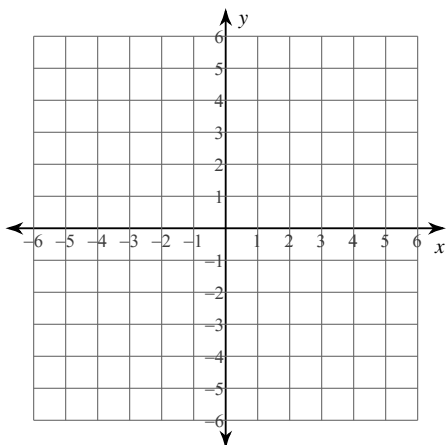


14)  $4x - 5y = -15$

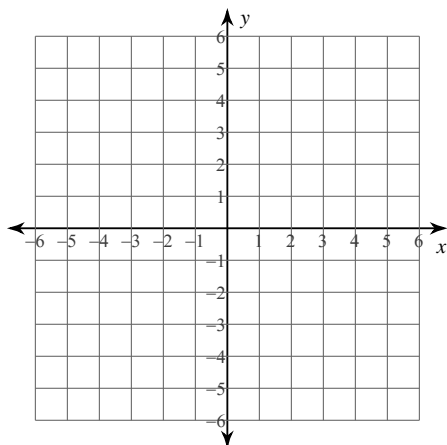


### Skill #17--Graph a Line Using Intercepts

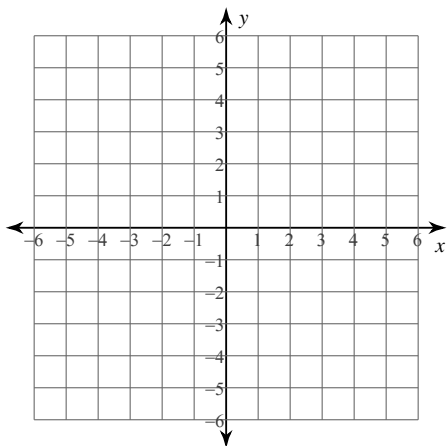
15)  $y = -6x - 5$



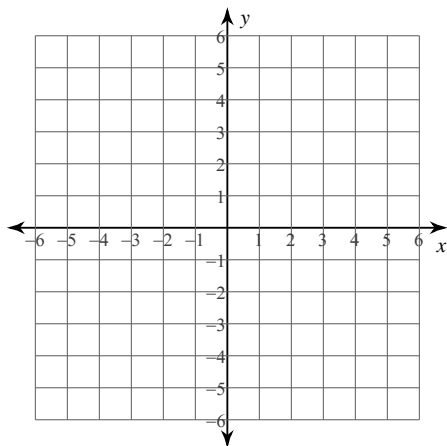
16)  $y = x - 3$



17)  $3x - 2y = 2$

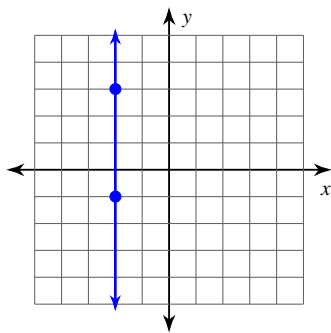


18)  $x + y = 1$

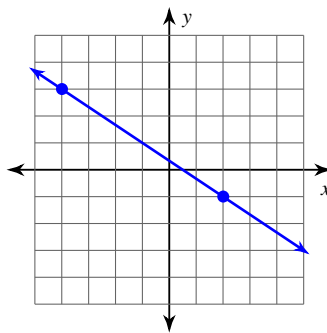


**Skill #18--Write the Equation in Slope Intercept Form**

19)

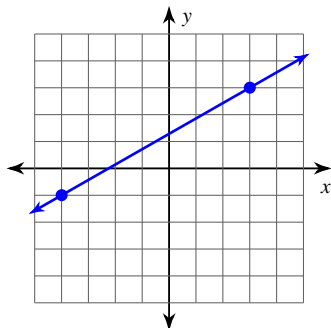


20)

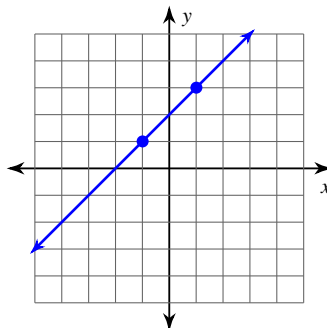


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(-18, -13), (10, 19)$

24)  $(10, 7), (10, 1)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(-3, -1)$  and  $(0, -3)$

26) through:  $(0, -1)$  and  $(5, -5)$

27) through:  $(0, -4)$  and  $(1, 3)$



**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $2k - 1 + 8 = 11$

2)  $-8a - 8a = -16$

3)  $-20 = 4n + n$

**Skill #27--Variables on Both Sides**

4)  $7 + 8n = 8 + 6n + 4 + 9$

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

6)  $-15 - 4x = x + 5$

**Skill #28--Solving Equations with Parentheses**

7)  $83 = 8m + 3(6 - 7m)$

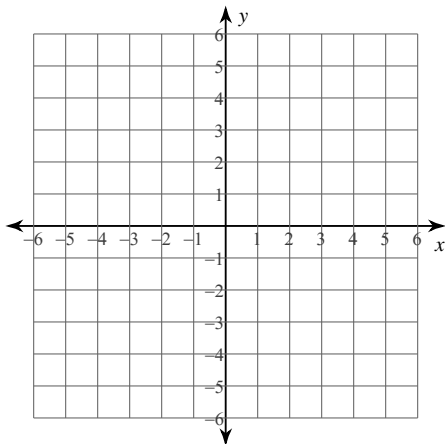
8)  $-5(7 + 3p) = 85$

9)  $-8(n + 4) - 4(1 + 7n) = 36$

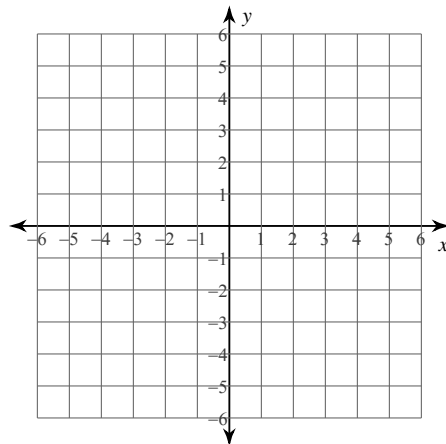
10)  $-(x - 1) - 3(x - 6) = -5$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = -\frac{8}{3}x + 4$

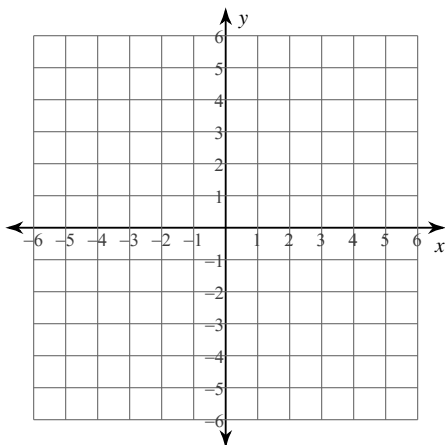


12)  $y = \frac{8}{5}x + 3$

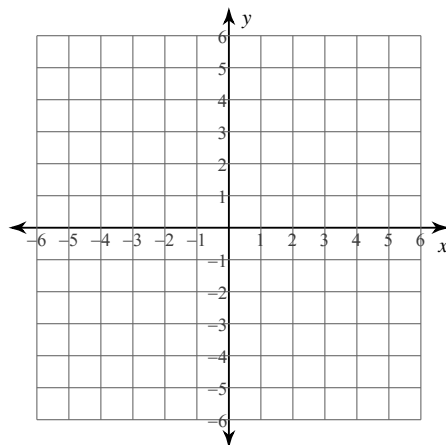


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $x + 2y = -6$

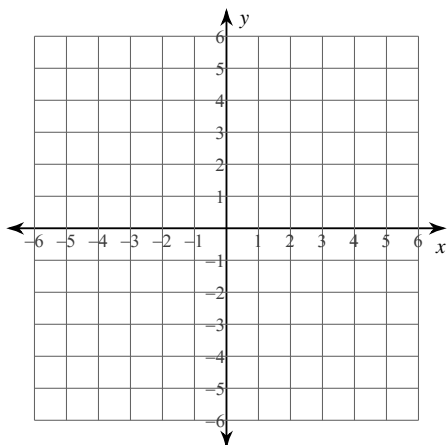


14)  $2x + y = -5$

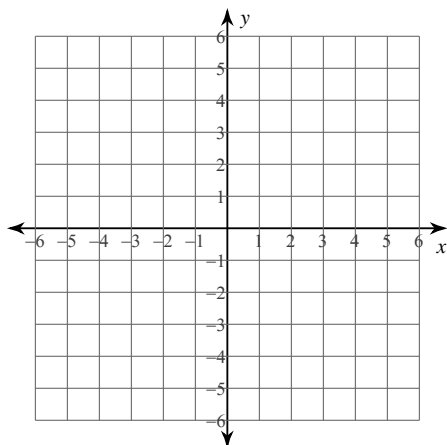


### Skill #17--Graph a Line Using Intercepts

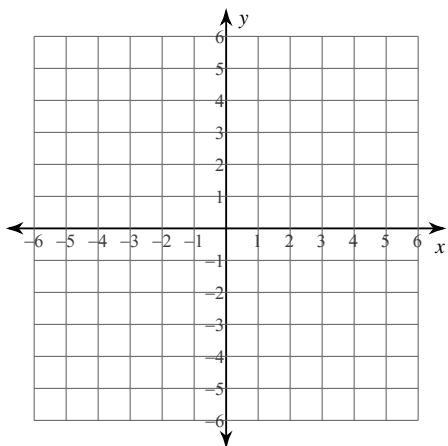
15)  $y = x$



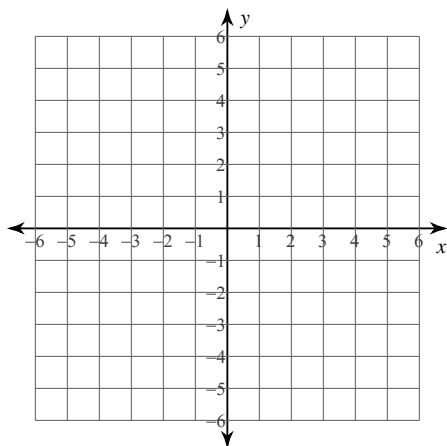
16)  $y = x - 2$



17)  $2x + 5y = 10$

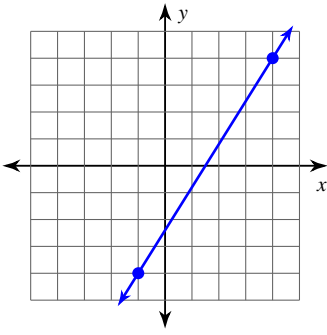


18)  $4x + y = 4$

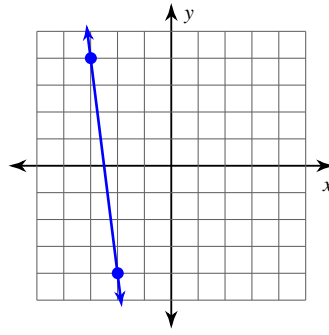


**Skill #18--Write the Equation in Slope Intercept Form**

19)

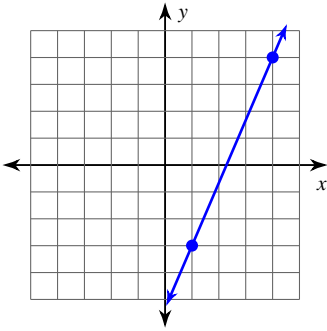


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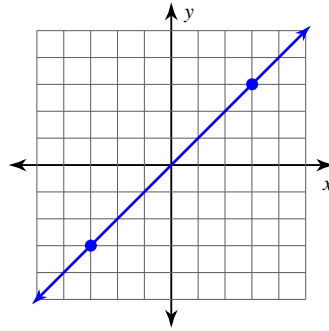


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(17, 4), (11, 4)$

24)  $(-11, -16), (20, 0)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(4, -4)$  and  $(0, 5)$

26) through:  $(0, -5)$  and  $(-2, -2)$

27) through:  $(0, -5)$  and  $(1, 2)$

**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $2 - 7v + 3v = 18$

2)  $-x - 3 + 6x = 17$

3)  $-4b - 5b = 9$

**Skill #27--Variables on Both Sides**

4)  $1 - 3k = 10 - 6k$

5)  $9 + 3a - 3a = a + 7$

6)  $14 - 6n = n + 7$

**Skill #28--Solving Equations with Parentheses**

7)  $139 = 6 - 7(6 + 5x)$

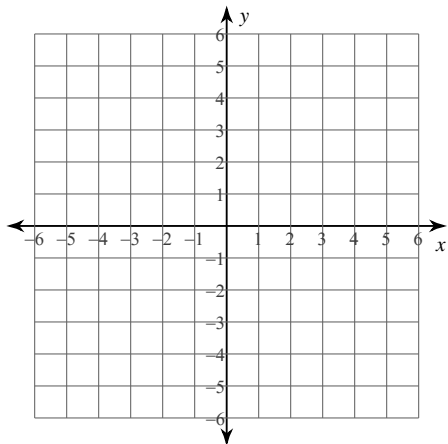
8)  $-4(6 - 6x) = -144$

9)  $-64 = 6(4n - 2) - 4(n - 2)$

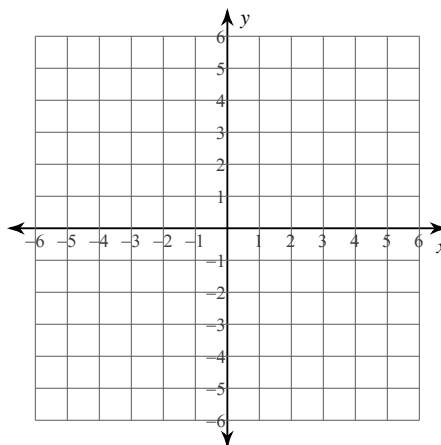
10)  $76 = 5(m + 8) - 4(m - 7)$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = -\frac{8}{5}x - 4$

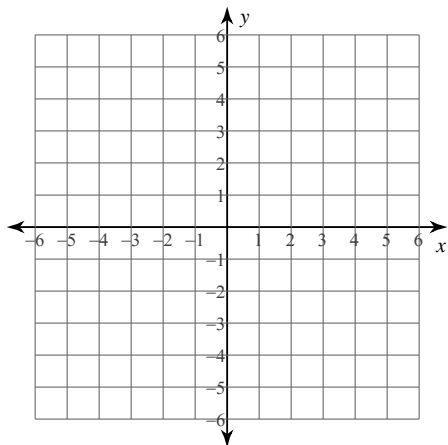


12)  $y = 2x + 5$

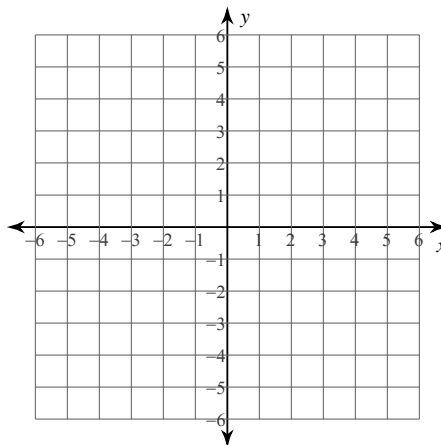


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $3x - y = 2$

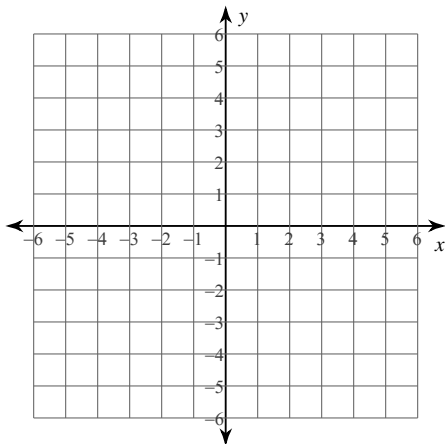


14)  $2x - y = 1$

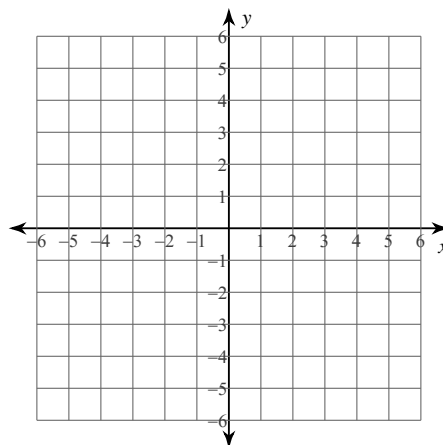


### Skill #17--Graph a Line Using Intercepts

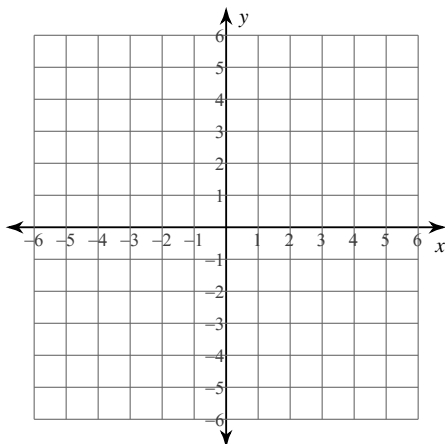
15)  $y = -\frac{6}{5}x + 1$



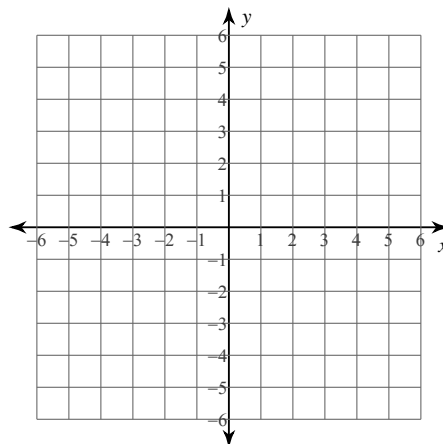
16)  $y = -7x + 3$



17)  $x - 4y = 16$

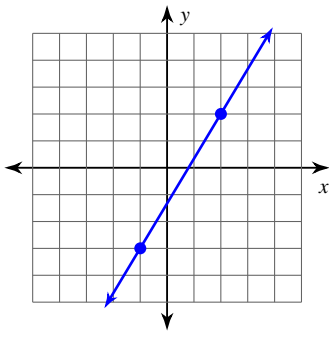


18)  $4x - y = -4$

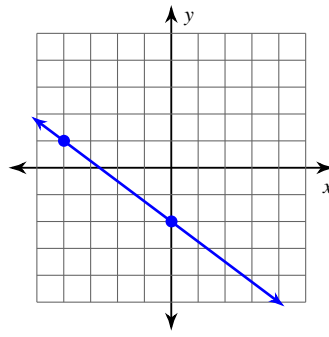


**Skill #18--Write the Equation in Slope Intercept Form**

19)

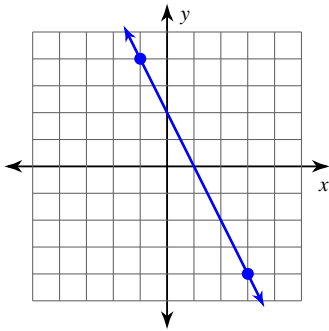


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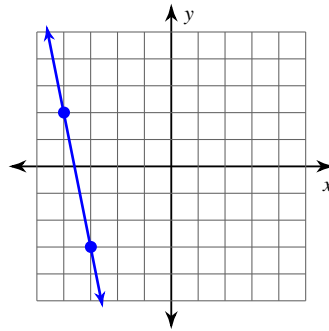


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(-16, 9), (11, 14)$

24)  $(-4, -20), (-20, -9)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(0, 3)$  and  $(5, 5)$

26) through:  $(-2, -1)$  and  $(0, 3)$

27) through:  $(0, 4)$  and  $(2, 2)$



**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $-2r + 5r = -15$

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

3)  $3 + 4n + 4 = -17$

**Skill #27--Variables on Both Sides**

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

5)  $-3v + 6 = 11 + v + 1 - 2v$

6)  $5 - b = 3b + 5$

**Skill #28--Solving Equations with Parentheses**

7)  $128 = 4n + 8(1 - 3n)$

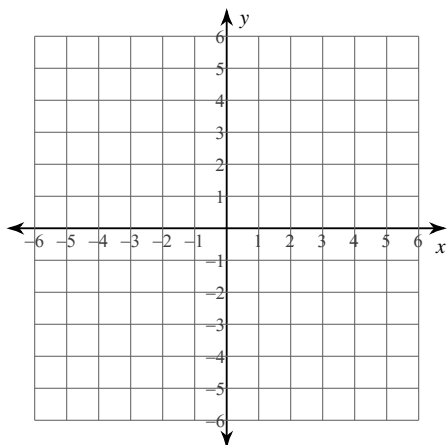
8)  $-3a + 5(5a + 7) = 101$

9)  $7(x - 8) - 4(x + 6) = -56$

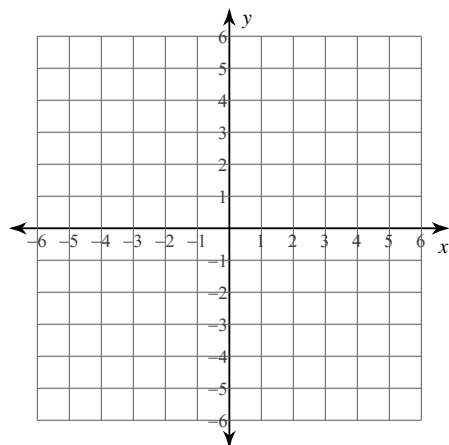
10)  $3(4k + 5) + 3(2k - 4) = 39$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = -x - 1$

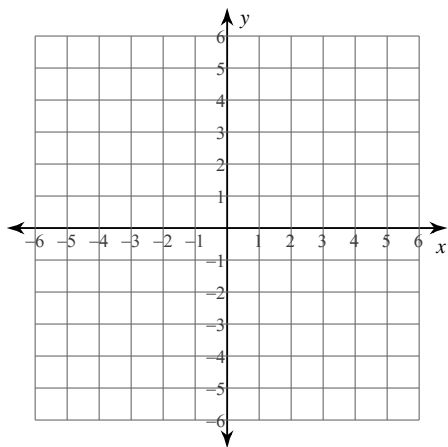


12)  $y = 2x - 3$

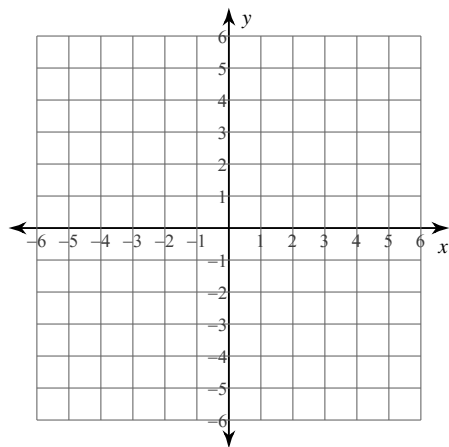


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $x + 5y = 5$

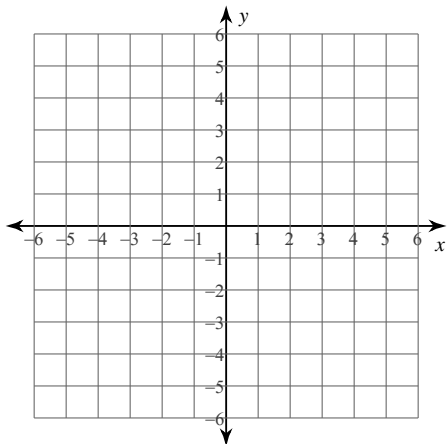


14)  $x - y = -2$

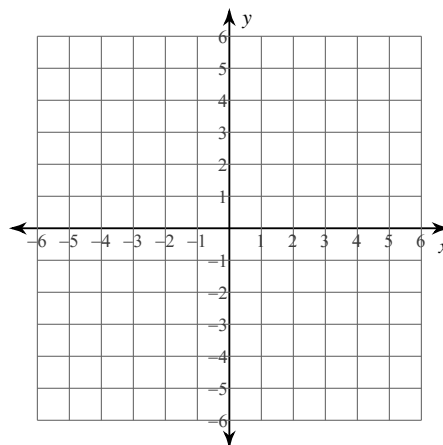


### Skill #17--Graph a Line Using Intercepts

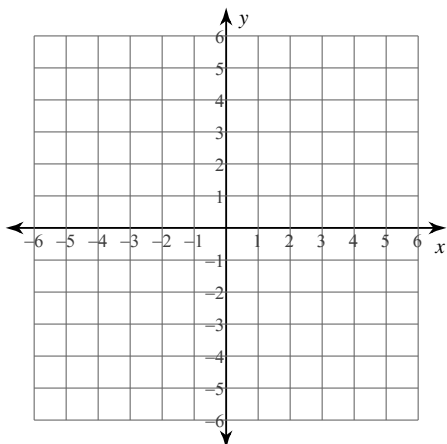
15)  $y = \frac{1}{3}x + 4$



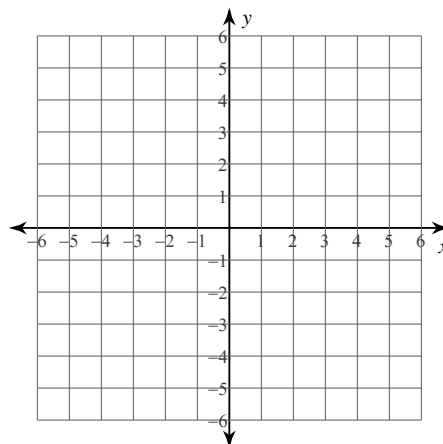
16)  $y = 2x - 5$



17)  $x - y = 1$

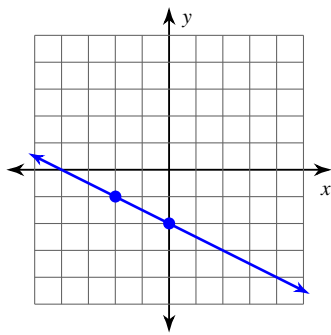


18)  $9x - y = 4$

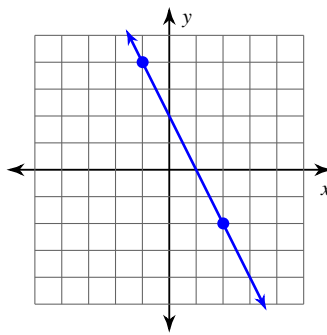


**Skill #18--Write the Equation in Slope Intercept Form**

19)

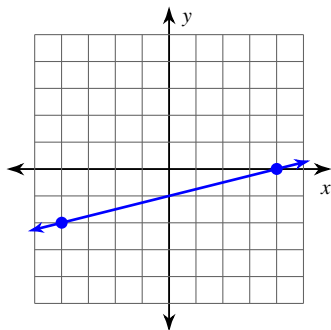


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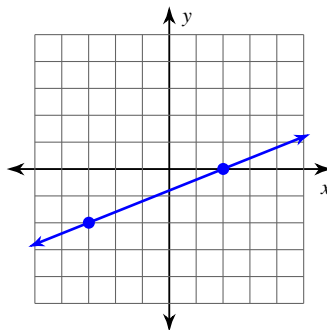


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(4, -14), (-11, 13)$

24)  $(-9, 6), (-20, -4)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(2, 0)$  and  $(-5, 1)$

26) through:  $(5, 2)$  and  $(-3, 1)$

27) through:  $(-2, 0)$  and  $(-5, -2)$

**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $-7m + 6m = -7$

2)  $8x - x = -7$

3)  $22 = n - 3 + 4n$

**Skill #27--Variables on Both Sides**

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

5)  $5r + 3r = -15 + 3r$

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

**Skill #28--Solving Equations with Parentheses**

7)  $88 = 2(-4 + 6v)$

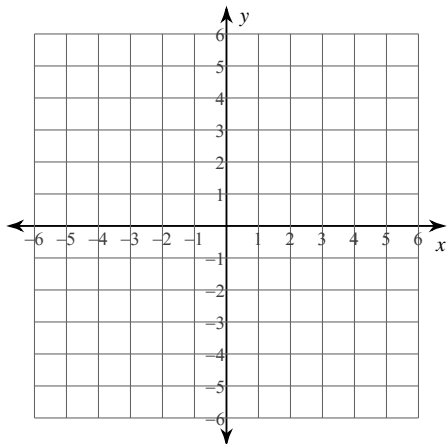
8)  $-146 = -6 + 5(-4 + 4b)$

9)  $-7(5x + 8) + 8(3x + 7) = 0$

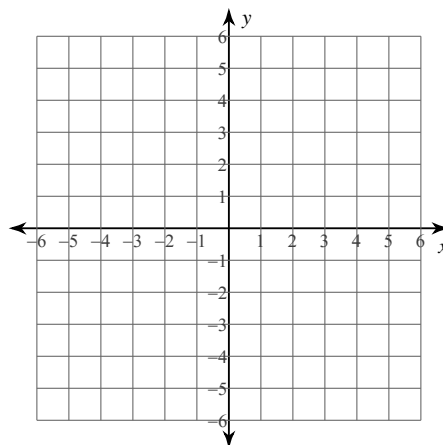
10)  $-71 = 7(-7n + 8) - 4(n - 8)$

### Skill #15--Graph Using Slope Intercept Form

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

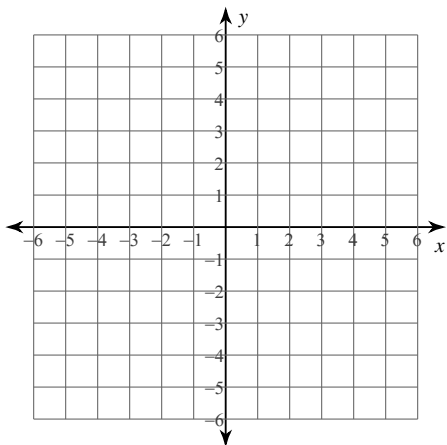


12)  $y = -x + 1$

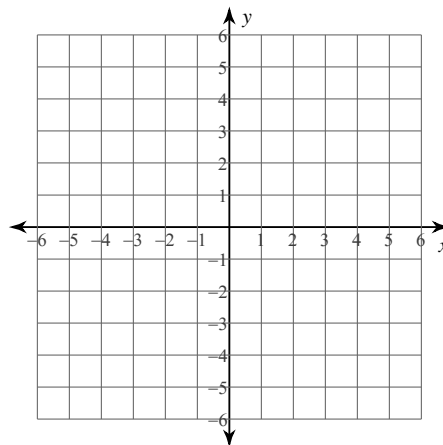


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $x - y = -3$

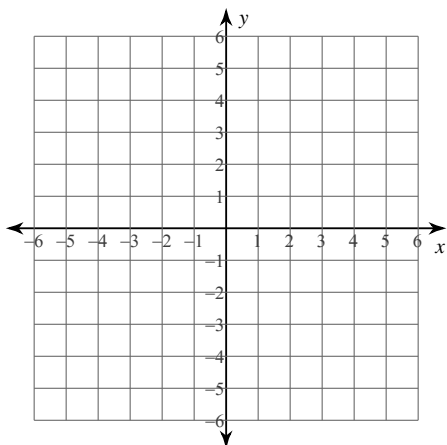


14)  $x + y = 5$

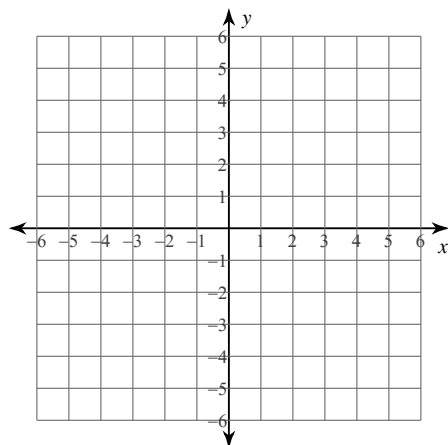


### Skill #17--Graph a Line Using Intercepts

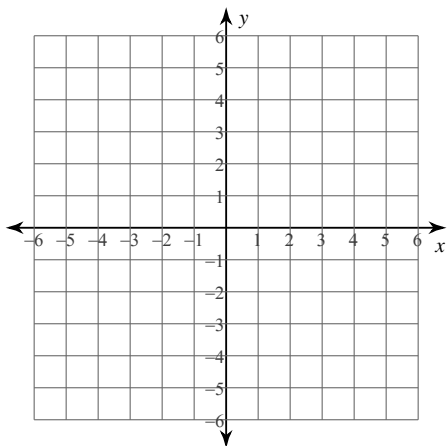
15)  $y = 6x - 5$



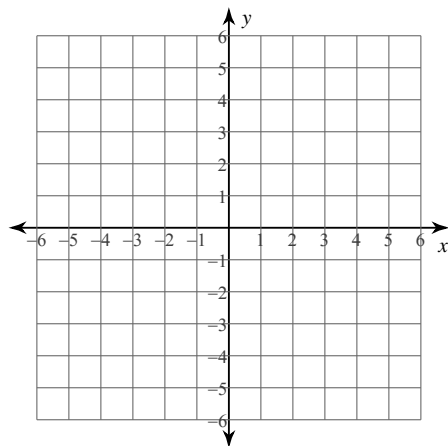
16)  $y = -x - 2$



17)  $3x - 4y = 4$

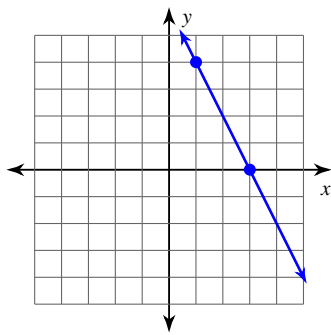


18)  $2x - y = -1$

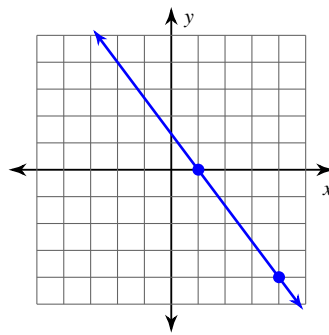


**Skill #18--Write the Equation in Slope Intercept Form**

19)

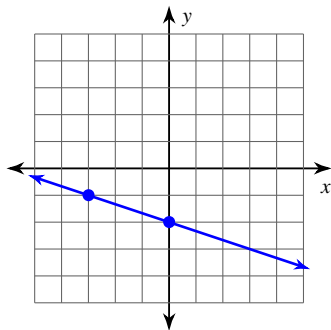


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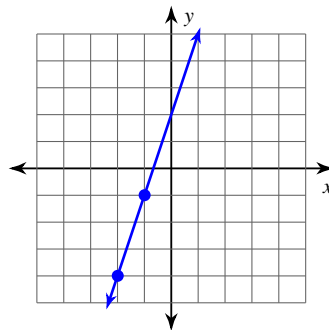


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(8, 3), (-10, -14)$

24)  $(11, -18), (-1, -18)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(2, -5)$  and  $(5, -3)$

26) through:  $(2, -1)$  and  $(-2, -2)$

27) through:  $(-3, 2)$  and  $(1, -2)$



**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $n - 6n = 10$

2)  $-18 = 3p + 3p$

3)  $1 + k + 2 = 9$

**Skill #27--Variables on Both Sides**

4)  $-3n + 6 = -6n + 7n + 2$

5)  $16 + 8m = 7m - 3m$

6)  $-4 - 4x + x = -13 - 6x$

**Skill #28--Solving Equations with Parentheses**

7)  $104 = 8(1 - 4x)$

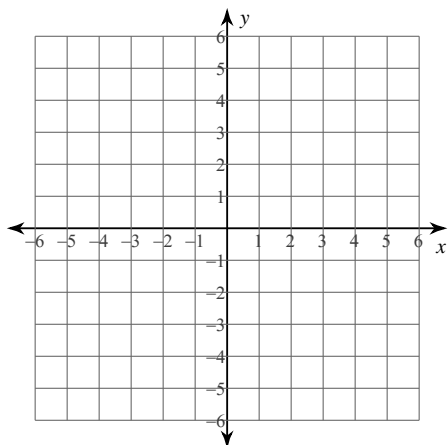
8)  $90 = 2(5 + 5r)$

9)  $76 = -5(4n - 4) + 2(-8 + 4n)$

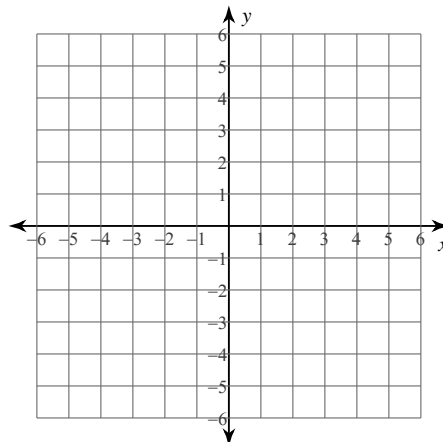
10)  $7(5 + 8b) + 4(5b + 3) = 47$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = 4x + 3$

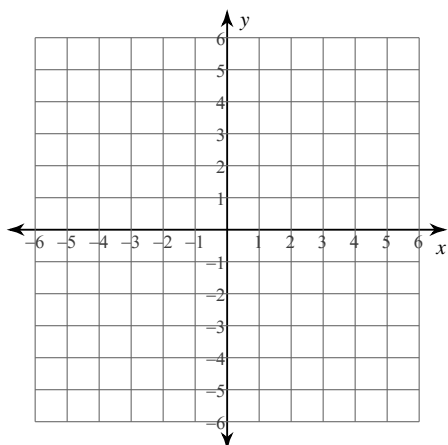


12)  $y = -\frac{8}{5}x + 4$

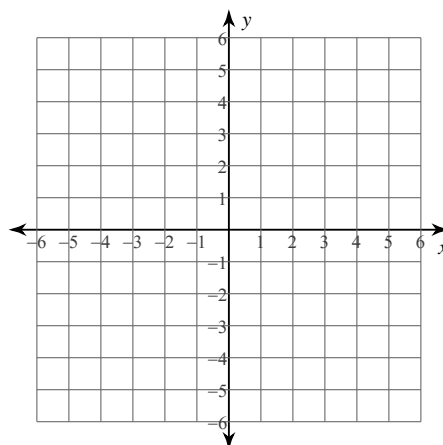


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $x - y = 5$

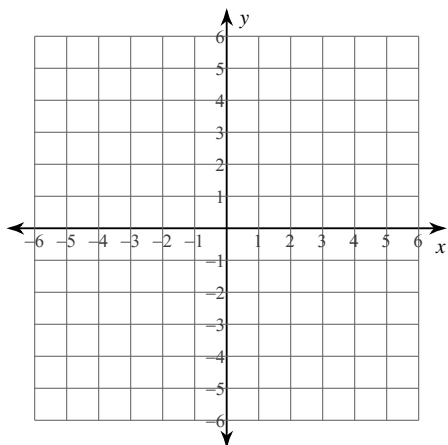


14)  $x + 3y = -9$

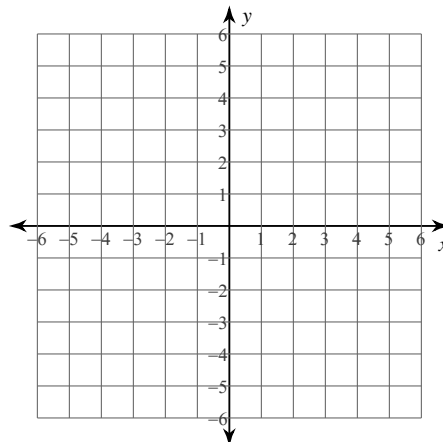


### Skill #17--Graph a Line Using Intercepts

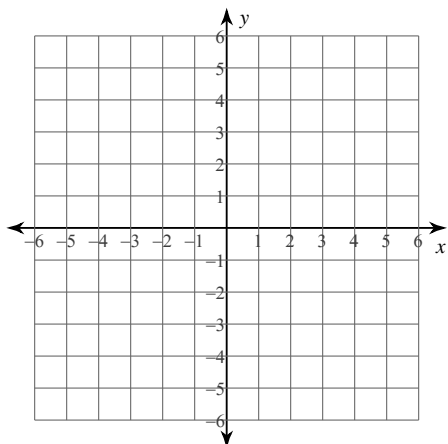
15)  $y = -3x + 1$



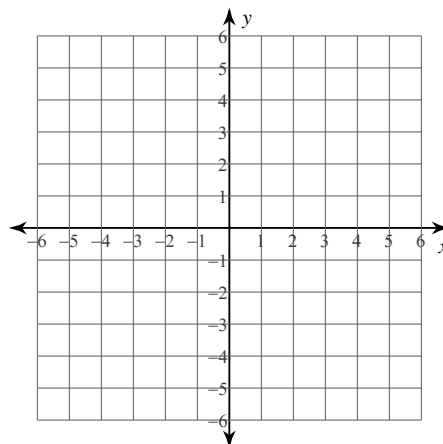
16)  $y = \frac{1}{4}x - 2$



17)  $x - 2y = -4$

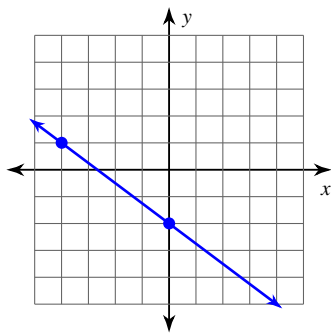


18)  $4x + 3y = 12$

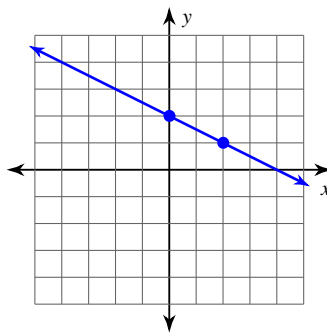


**Skill #18--Write the Equation in Slope Intercept Form**

19)

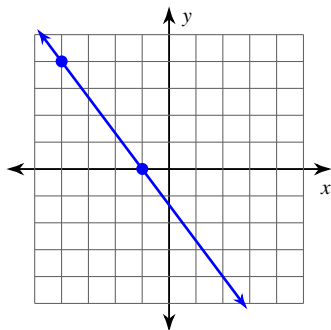


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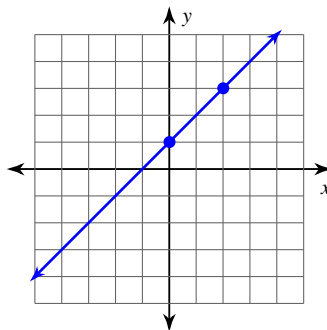


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(15, 8), (0, 9)$

24)  $(19, 20), (19, 9)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(-5, 1)$  and  $(-2, 5)$

26) through:  $(-2, -5)$  and  $(5, -4)$

27) through:  $(1, -4)$  and  $(-2, 3)$

**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $13 = -7v - 6v$

2)  $24 = -5x - 7x$

3)  $5x - 8 - 6x = -5$

**Skill #27--Variables on Both Sides**

4)  $k + 1 = -5k - 5$

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

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

**Skill #28--Solving Equations with Parentheses**

7)  $-1 - 8(4 + 4x) = 223$

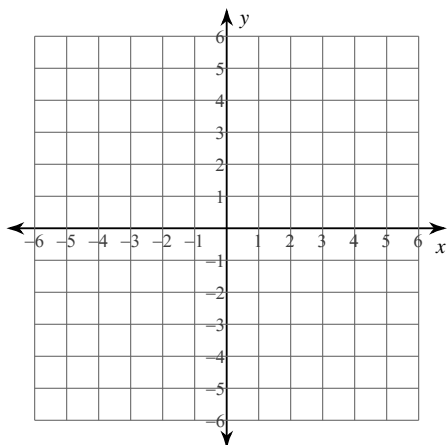
8)  $6(2n + 5) = 90$

9)  $-49 = -5(m - 2) + 7(3m + 3)$

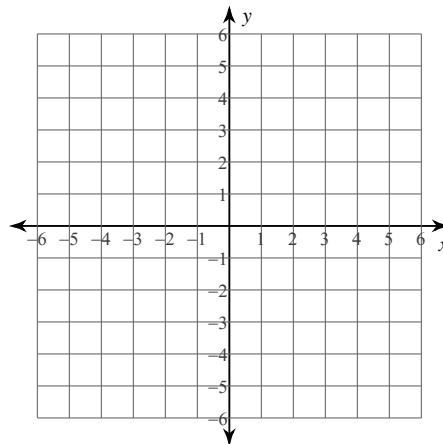
10)  $0 = -6(4 + 5r) + 8(3r + 3)$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = -3x - 4$

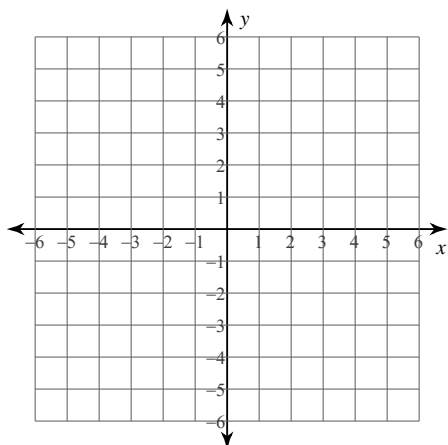


12)  $y = \frac{9}{2}x - 5$

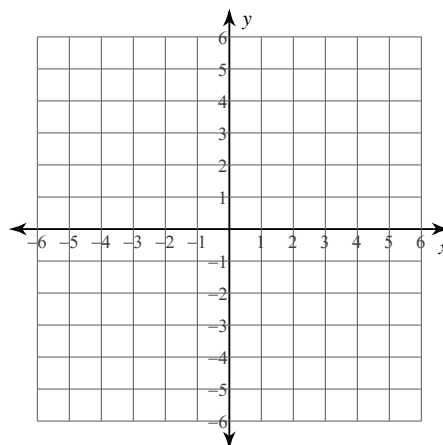


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $7x - 4y = 8$

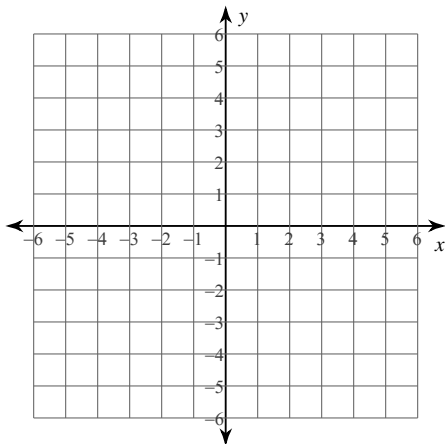


14)  $5x + y = 0$

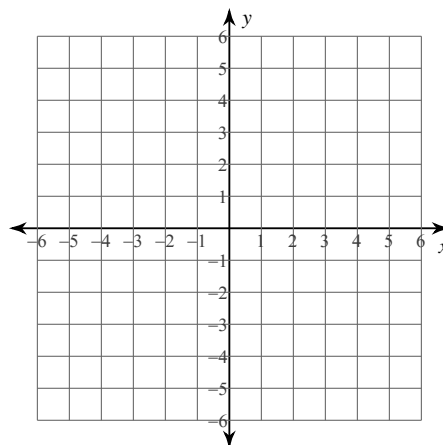


### Skill #17--Graph a Line Using Intercepts

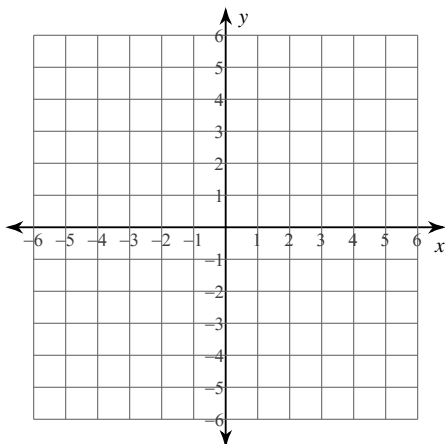
15)  $y = -\frac{7}{3}x + 4$



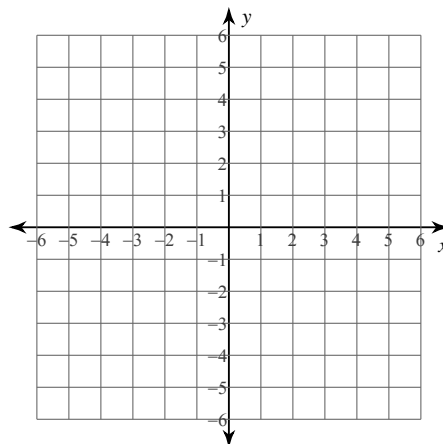
16)  $y = 2x + 1$



17)  $3x + 4y = -20$

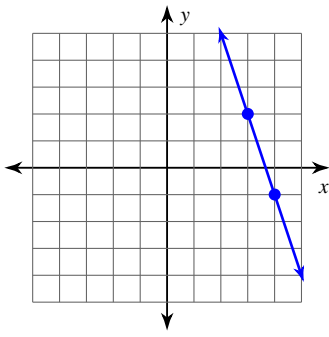


18)  $8x - y = -5$

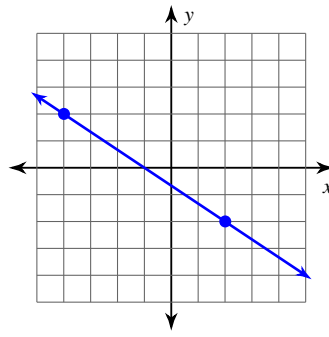


**Skill #18--Write the Equation in Slope Intercept Form**

19)

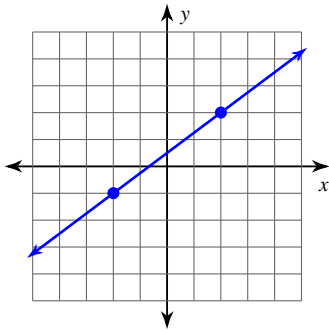


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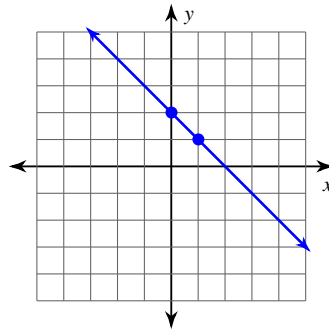


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(-18, 5), (0, -1)$

24)  $(-6, 17), (20, -8)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(-1, -1)$  and  $(4, 4)$

26) through:  $(2, -1)$  and  $(1, 3)$

27) through:  $(5, -1)$  and  $(-3, 3)$



**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $-9 = 1 - x - 7$

2)  $2 + 3a - 3a = 2$

3)  $1 + 6n + 1 = -10$

**Skill #27--Variables on Both Sides**

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

5)  $-12 + 5x = 7x - 4$

6)  $3v + 3 = 3 - 5v$

**Skill #28--Solving Equations with Parentheses**

7)  $6(-6n - 2) = -264$

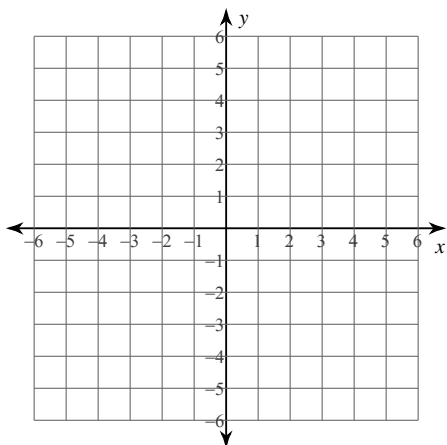
8)  $536 = 8(8k + 4) - 8$

9)  $2(3 + 5p) + 2(8p + 3) = -66$

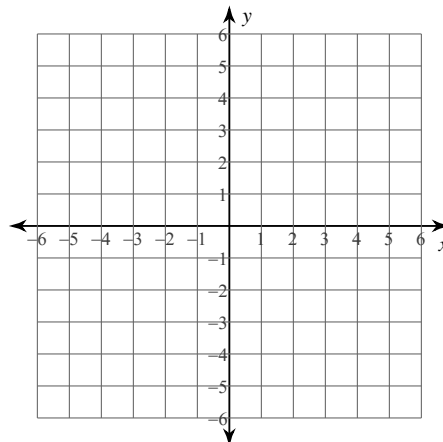
10)  $5(4x + 5) + 3(x + 4) = 60$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = 2x - 1$

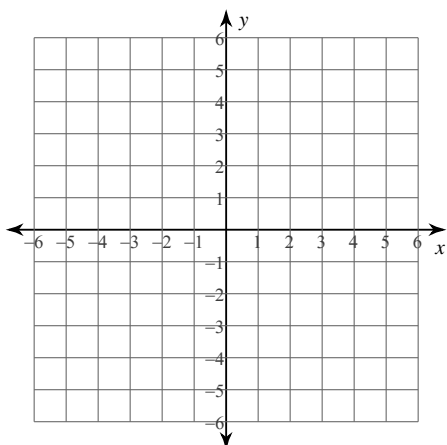


12)  $y = \frac{3}{4}x - 2$

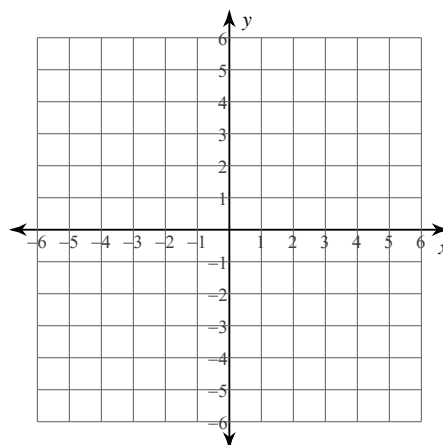


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $2x + y = 3$

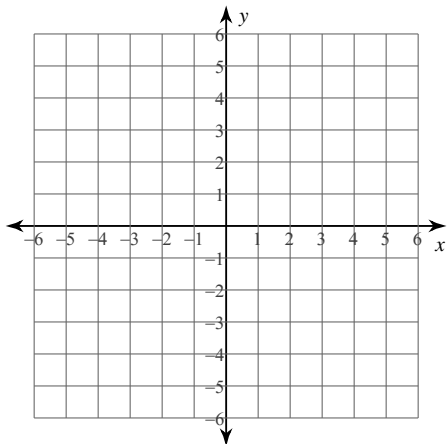


14)  $x + y = 0$

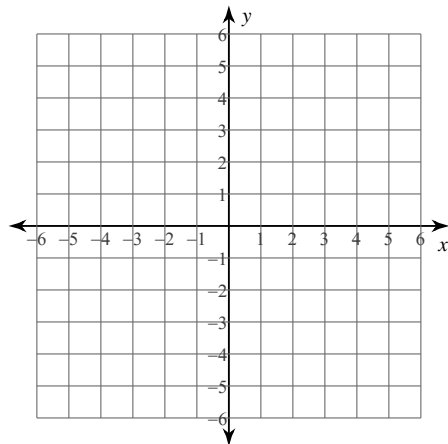


### Skill #17--Graph a Line Using Intercepts

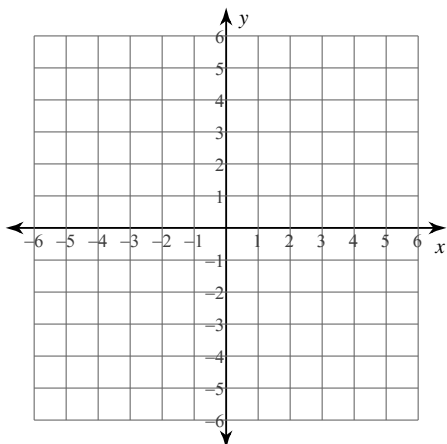
15)  $y = \frac{1}{2}x + 4$



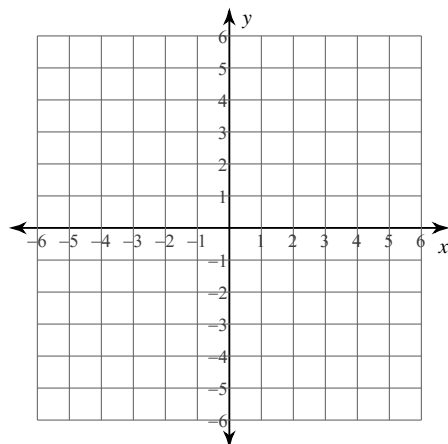
16)  $y = -\frac{5}{2}x - 5$



17)  $8x - 3y = 9$

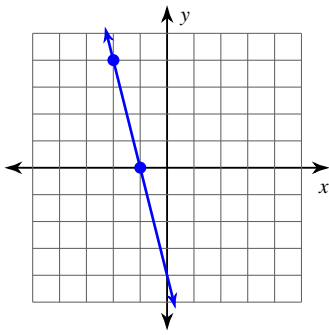


18)  $2x - y = 2$

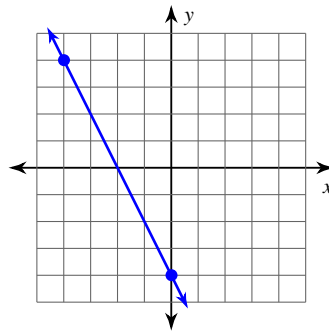


**Skill #18--Write the Equation in Slope Intercept Form**

19)

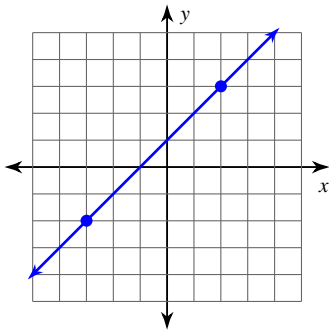


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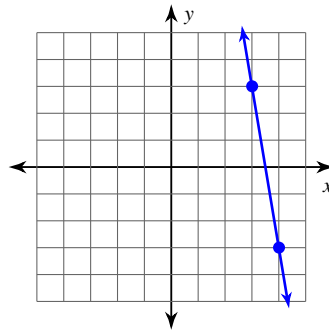


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(2, -19), (19, -2)$

24)  $(-11, 2), (10, -19)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(-4, 2)$  and  $(0, 0)$

26) through:  $(1, -5)$  and  $(4, 0)$

27) through:  $(0, 1)$  and  $(-3, -2)$

**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $n + 4 - 5 = 2$

2)  $-20 = -8b - 2b$

3)  $-13 = 6 - 7r - 5$

**Skill #27--Variables on Both Sides**

4)  $4a + 3a = 8a + 3a - 8$

5)  $4n + 3 = 4n + 3$

6)  $4 - x = 10 - 2x$

**Skill #28--Solving Equations with Parentheses**

7)  $-4(8 + 3v) = -128$

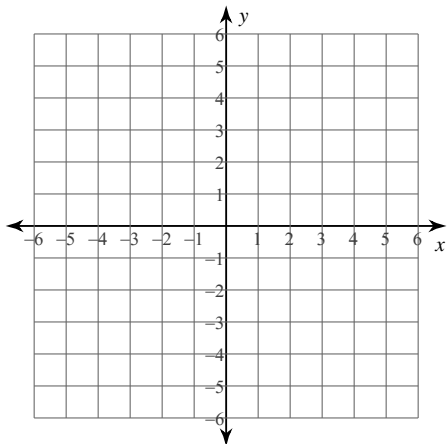
8)  $-98 = -7(2 + 4x)$

9)  $-15 = -3(2 - 6x) - 3(6x + 3)$

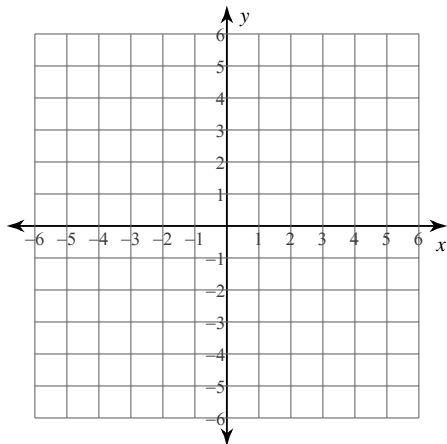
10)  $-7(7 + 4n) - 2(6 + 2n) = 67$

### Skill #15--Graph Using Slope Intercept Form

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

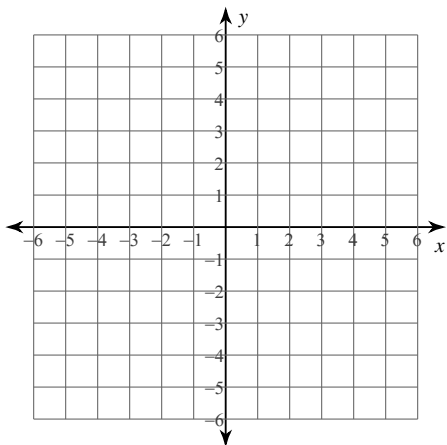


12)  $y = -\frac{3}{4}x + 2$

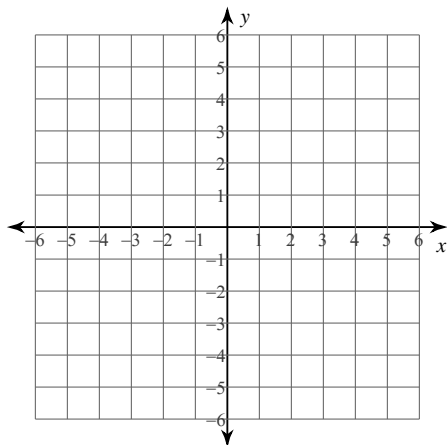


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $x + y = -5$

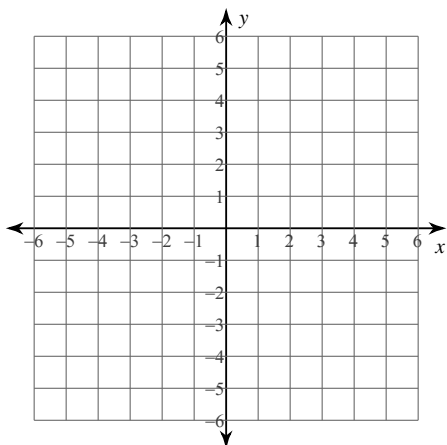


14)  $x + y = 3$

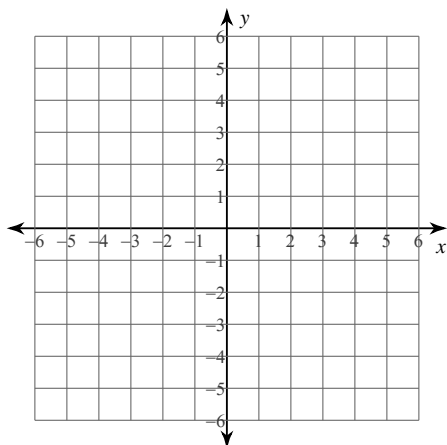


### Skill #17--Graph a Line Using Intercepts

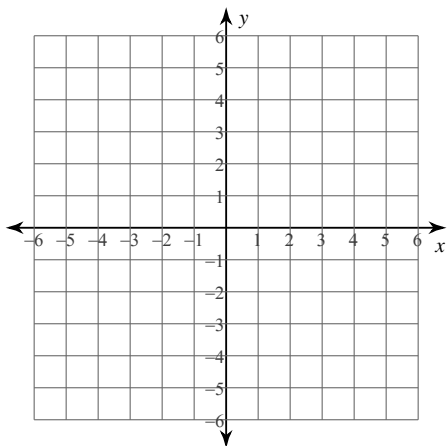
15)  $y = 2x - 4$



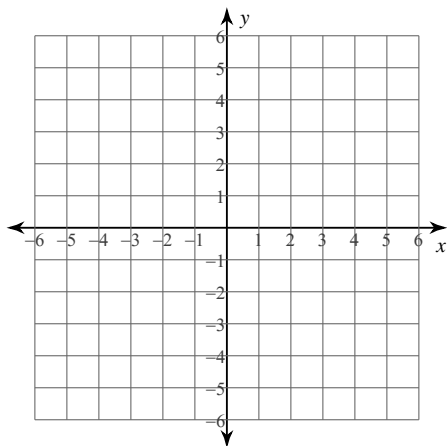
16)  $y = -4x - 2$



17)  $3x + 5y = 0$

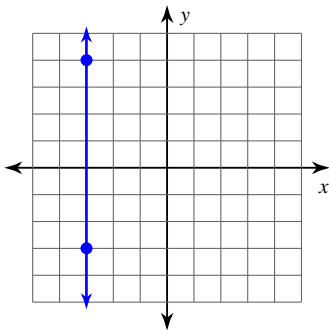


18)  $x - y = -1$

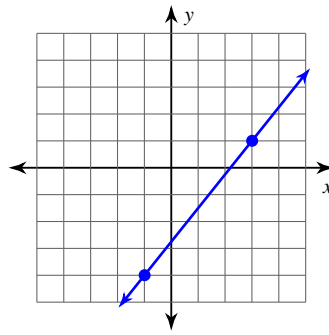


**Skill #18--Write the Equation in Slope Intercept Form**

19)

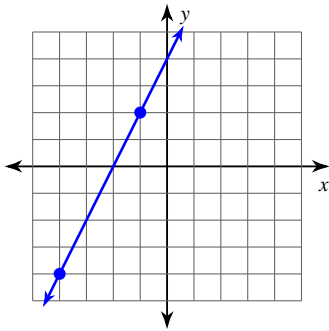


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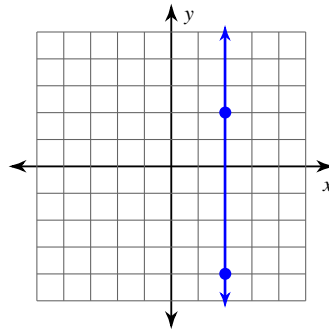


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(9, 19), (-12, -11)$

24)  $(-3, -2), (20, 12)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(-4, 3)$  and  $(0, -1)$

26) through:  $(0, -3)$  and  $(-3, -4)$

27) through:  $(4, 0)$  and  $(0, -1)$



**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $-6r + 5r = -4$

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

3)  $12 = 3x + 7 + 2x$

**Skill #27--Variables on Both Sides**

4)  $6v - 5v = 4v + 8 - 8 - 9$

5)  $7n - 14 = 5n - 6$

6)  $-2b + 3b = 2b + 5$

**Skill #28--Solving Equations with Parentheses**

7)  $102 = -2(7 + 8n) + 4$

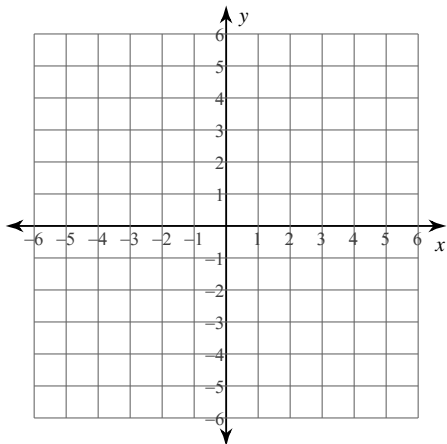
8)  $-6(4 - 2x) = -108$

9)  $74 = 3(v + 8) + 2(3 - 7v)$

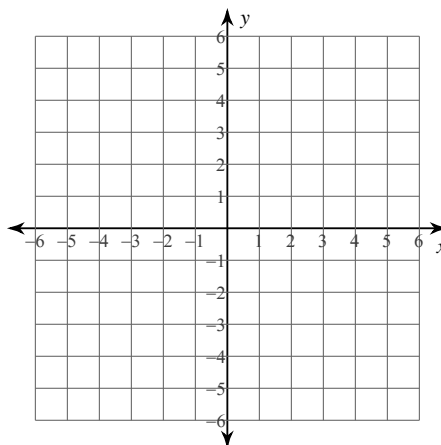
10)  $6(2 + a) - 4(7a - 7) = -26$

### Skill #15--Graph Using Slope Intercept Form

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

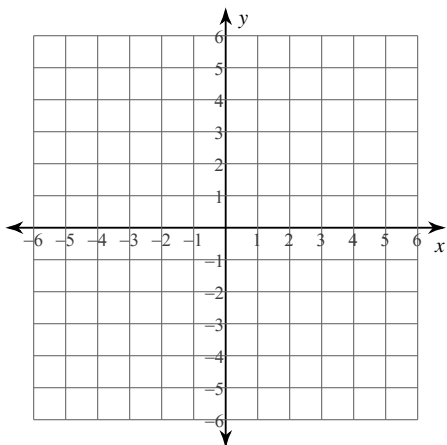


12)  $y = 2x + 5$

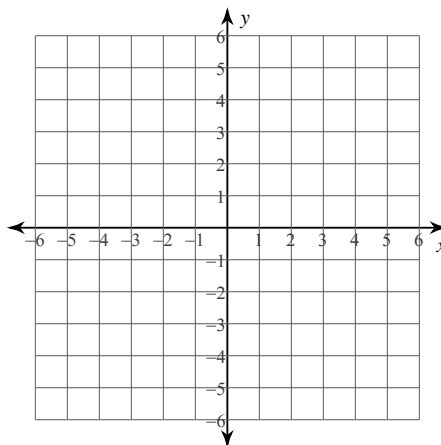


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $x + y = -3$

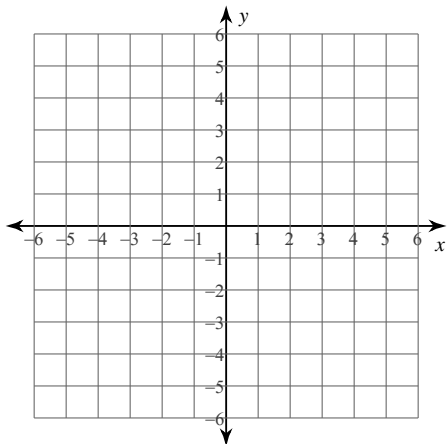


14)  $x - 2y = 10$

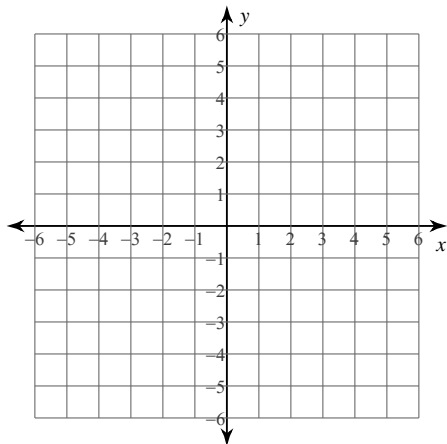


### Skill #17--Graph a Line Using Intercepts

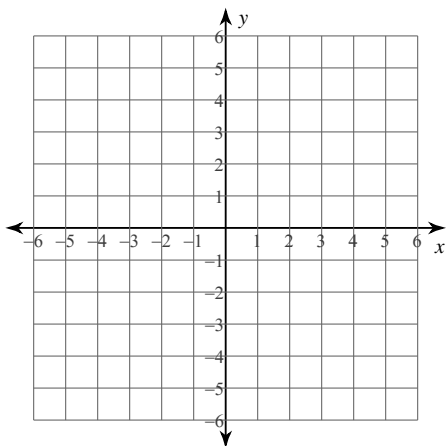
15)  $y = \frac{1}{5}x - 1$



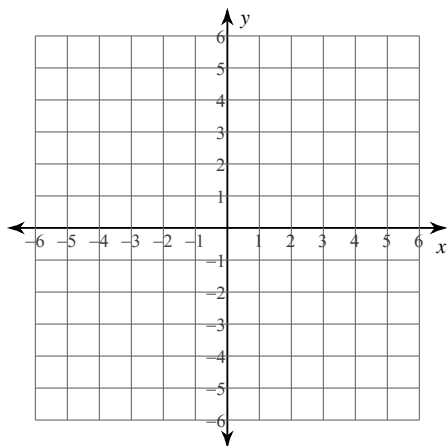
16)  $y = -\frac{2}{3}x + 1$



17)  $x - 2y = -4$

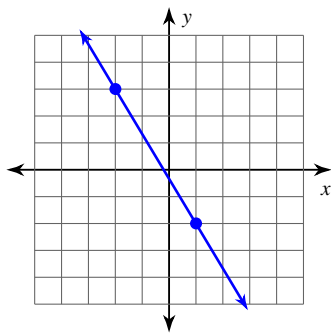


18)  $3x + 5y = 20$

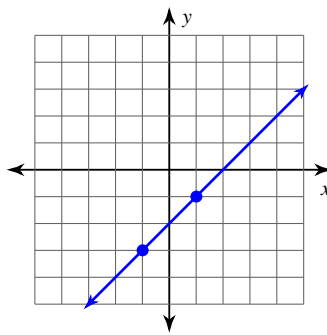


**Skill #18--Write the Equation in Slope Intercept Form**

19)

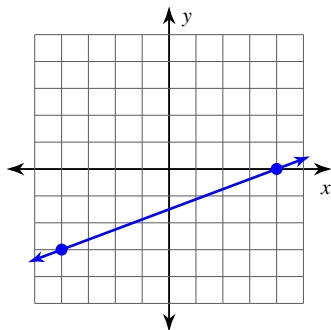


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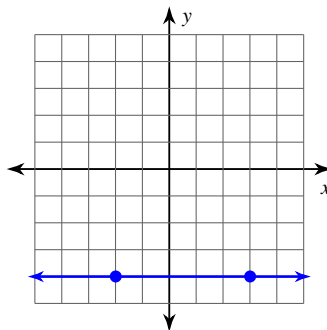


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(4, 4), (-12, -6)$

24)  $(17, 16), (-2, 11)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(0, -5)$  and  $(-4, 4)$

26) through:  $(4, -5)$  and  $(4, -3)$

27) through:  $(0, -5)$  and  $(3, -1)$

**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $4x - 6x = -2$

2)  $4 = p - 6 - 6p$

3)  $-3 + 5n - 7n = -3$

**Skill #27--Variables on Both Sides**

4)  $-8r - 5r = -15 - 8r$

5)  $4x - 2 = -x + 3x$

6)  $3m - 2 = 2m - 9$

**Skill #28--Solving Equations with Parentheses**

7)  $81 = -3(-7 - 5b)$

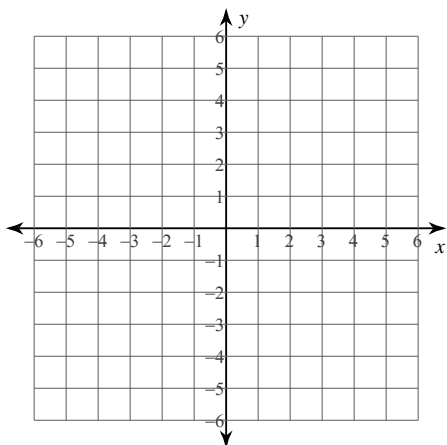
8)  $204 = -6(-6n + 2)$

9)  $-(3v - 5) - 6(6v - 4) = -10$

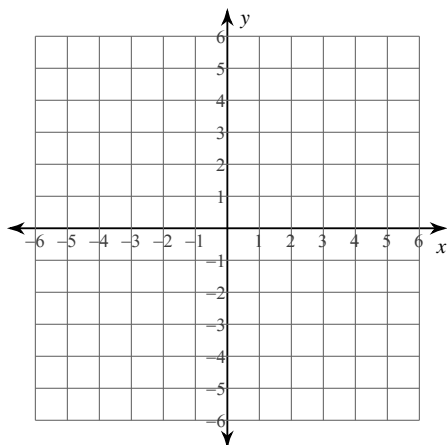
10)  $-7(1 - 8x) - 7(1 + 6x) = 14$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = 7x - 3$

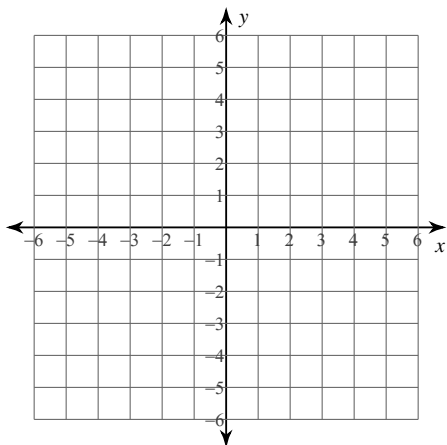


12)  $y = 3x - 5$

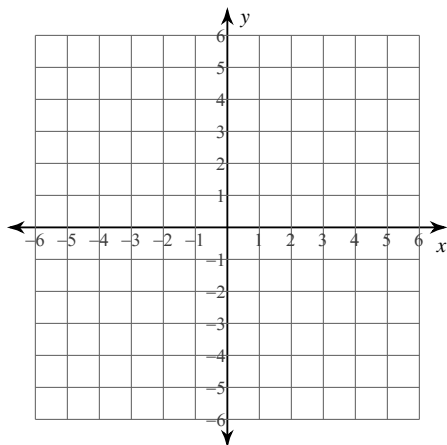


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $2x + y = 0$

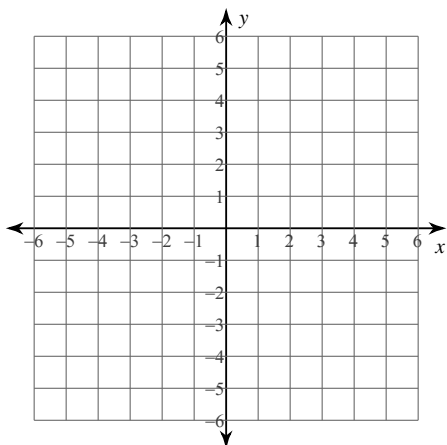


14)  $3x - 5y = 10$

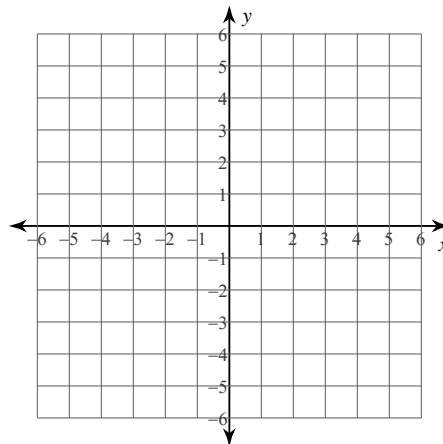


### Skill #17--Graph a Line Using Intercepts

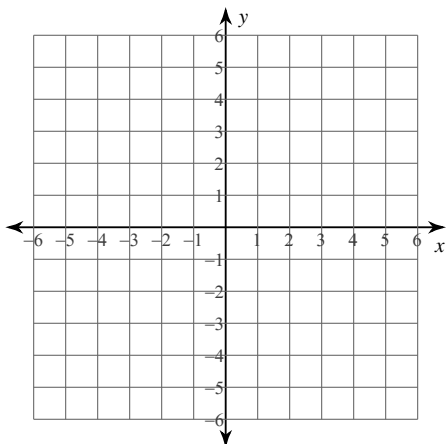
15)  $y = 6x + 2$



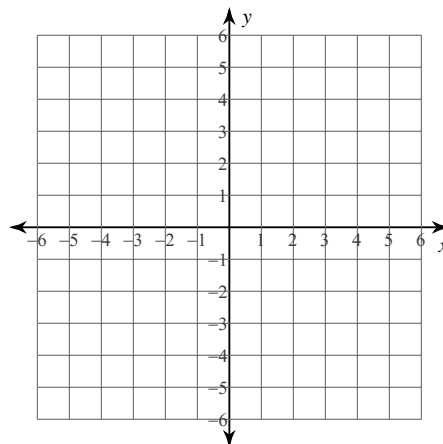
16)  $y = \frac{7}{5}x + 4$



17)  $x + y = -4$

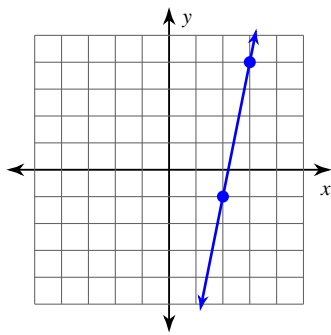


18)  $8x + y = 5$

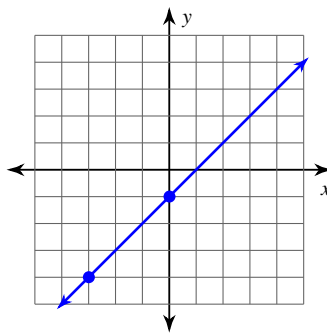


**Skill #18--Write the Equation in Slope Intercept Form**

19)

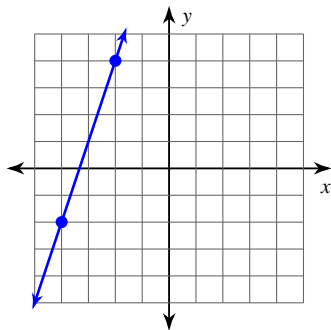


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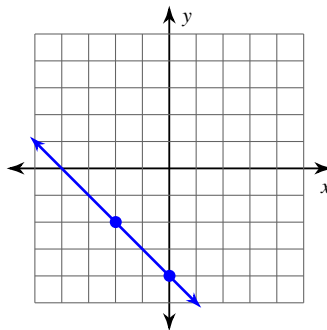


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(-20, 0), (-11, -16)$

24)  $(-17, 12), (7, 2)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(0, 4)$  and  $(4, -1)$

26) through:  $(-3, 3)$  and  $(0, 4)$

27) through:  $(1, 5)$  and  $(0, 5)$



**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

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

2)  $1 = a + 7 - 2$

3)  $k - 8 - 6 = -20$

**Skill #27--Variables on Both Sides**

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

5)  $-13 + 8n - 5n = -6n - 4$

6)  $3 - 7p = 11 - 8p$

**Skill #28--Solving Equations with Parentheses**

7)  $104 = 4(1 - 5r)$

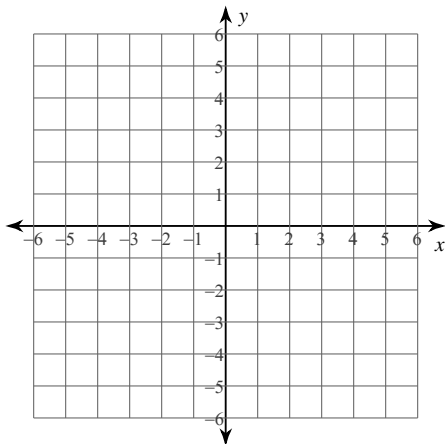
8)  $-2(5m - 3) = 86$

9)  $-56 = 4(-6n + 2) + 2(6 - 7n)$

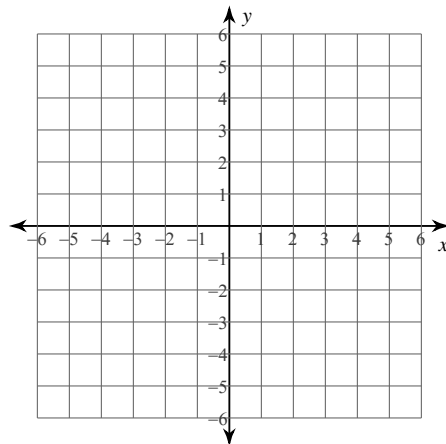
10)  $-2(5x - 1) - 8(6x - 7) = 58$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = -\frac{5}{4}x - 3$

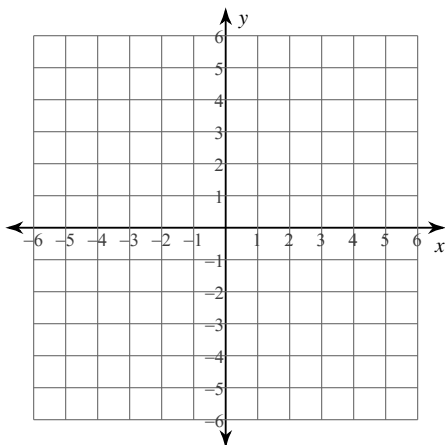


12)  $y = \frac{3}{2}x - 1$

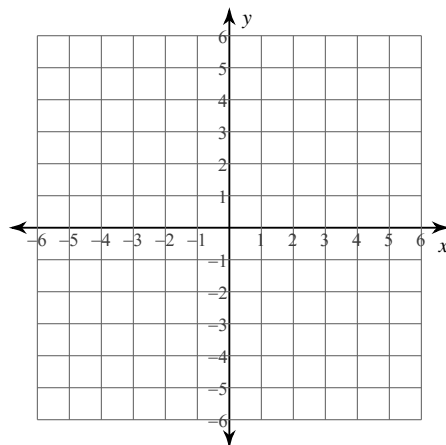


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $x - 3y = -9$

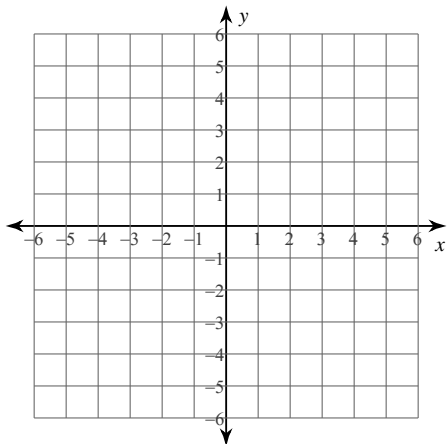


14)  $2x + y = 1$

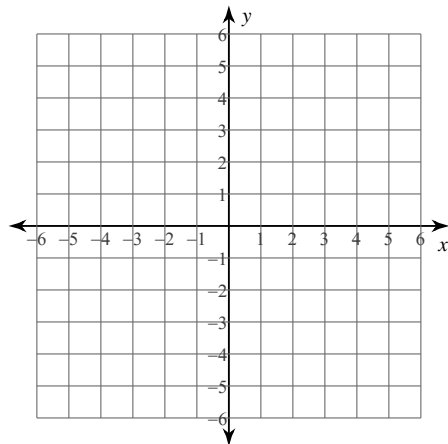


### Skill #17--Graph a Line Using Intercepts

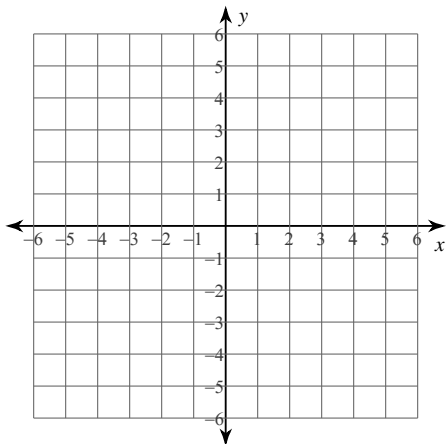
15)  $y = \frac{1}{2}x + 4$



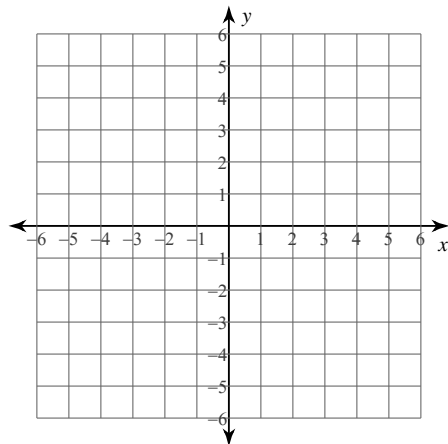
16)  $y = -\frac{9}{2}x - 4$



17)  $2x + y = -2$

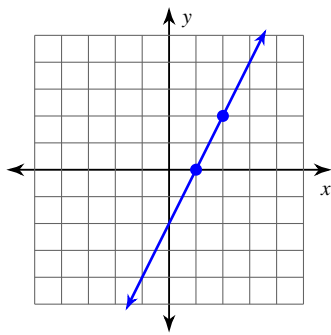


18)  $2x + 5y = -15$

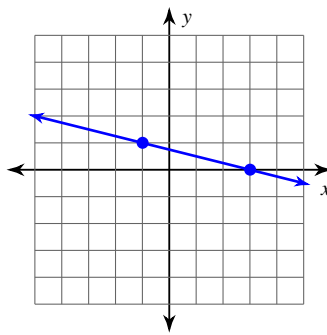


**Skill #18--Write the Equation in Slope Intercept Form**

19)

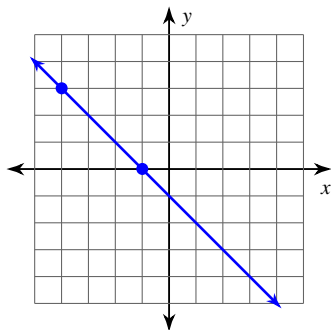


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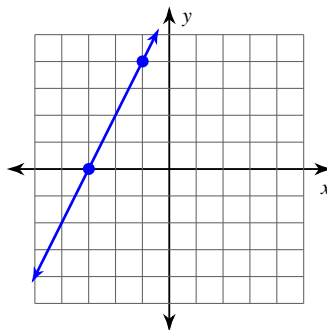


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(-9, 18), (8, -17)$

24)  $(-13, -3), (-1, 7)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(-5, -3)$  and  $(3, 1)$

26) through:  $(-5, 0)$  and  $(4, 5)$

27) through:  $(5, -2)$  and  $(0, 2)$

**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $b - 2b = -4$

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

3)  $-6v - 5 - 8 = 11$

**Skill #27--Variables on Both Sides**

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

5)  $8 - 8k = -7k + 8$

6)  $5a - 6a = -12 - 3a$

**Skill #28--Solving Equations with Parentheses**

7)  $-6(1 - 7x) = 120$

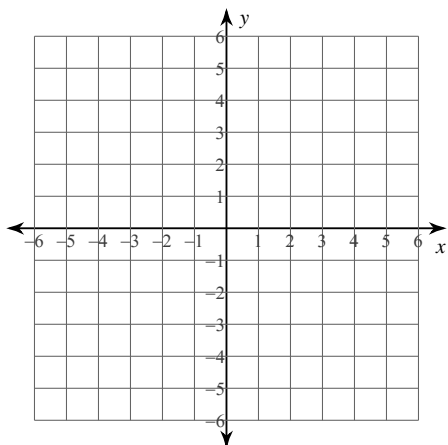
8)  $5(-7p - 7) = -210$

9)  $6(5 - 2m) - 3(5 - 8m) = -57$

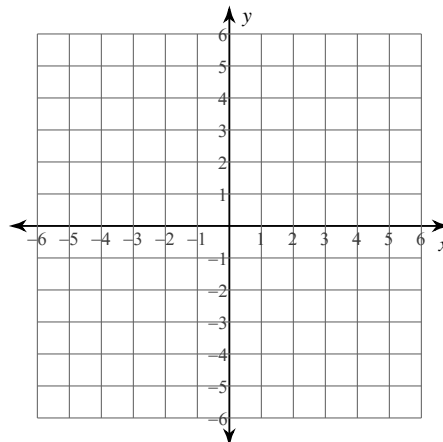
10)  $8(n + 8) - 4(3 - 7n) = -56$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = 2x$

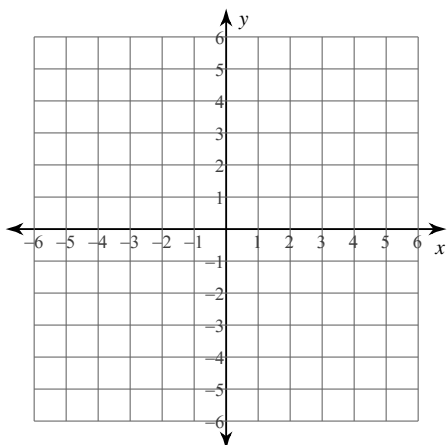


12)  $y = \frac{2}{5}x + 2$

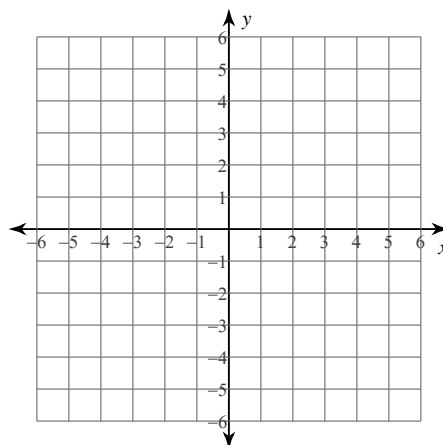


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $3x + 2y = 8$

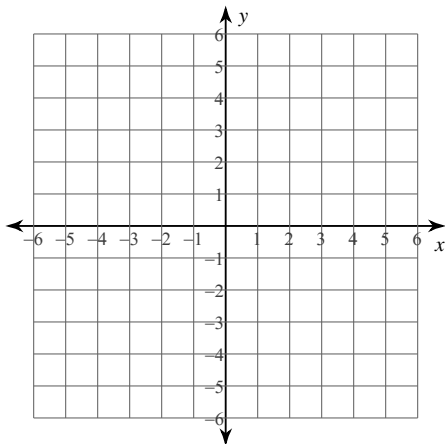


14)  $3x + y = -5$

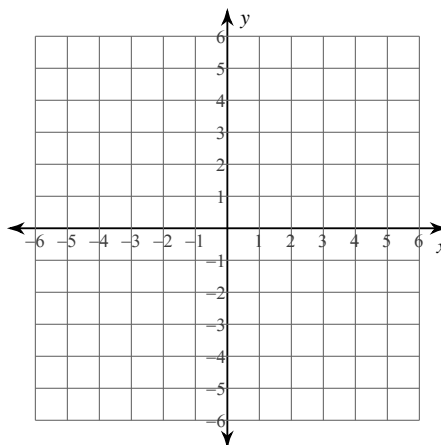


### Skill #17--Graph a Line Using Intercepts

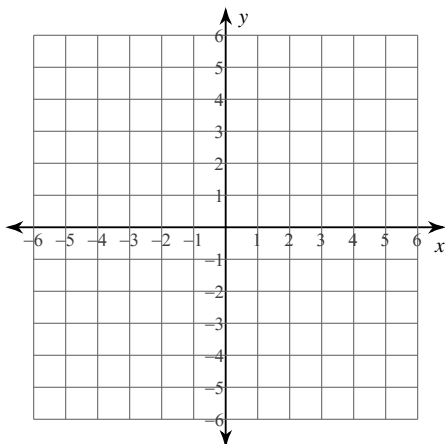
15)  $y = -\frac{6}{5}x - 4$



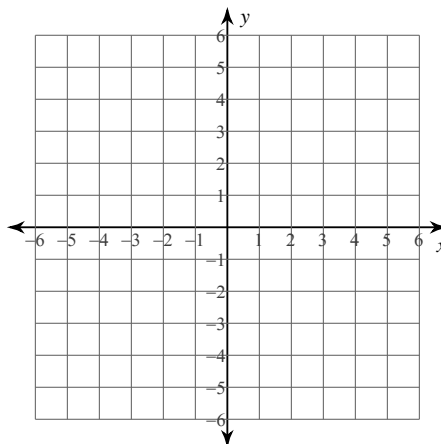
16)  $y = 4x - 2$



17)  $3x - 5y = -5$

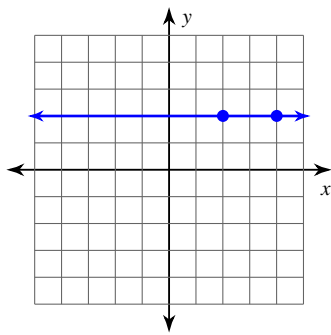


18)  $x + y = 0$

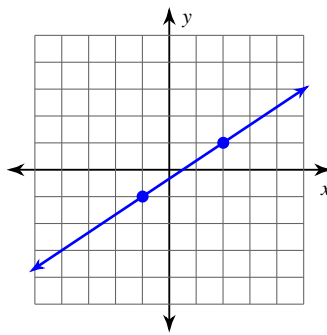


**Skill #18--Write the Equation in Slope Intercept Form**

19)

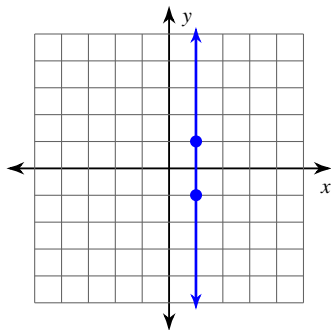


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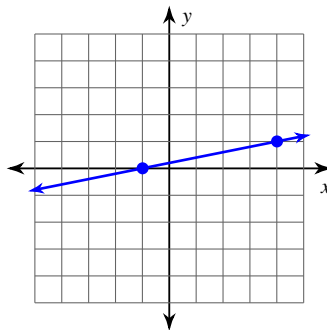


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(-6, -6), (8, -3)$

24)  $(7, 15), (10, 20)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(1, -1)$  and  $(2, -2)$

26) through:  $(2, 5)$  and  $(-1, -2)$

27) through:  $(2, 1)$  and  $(-5, -1)$



**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $16 = x + 7 + 2$

2)  $-7r - 8r = 0$

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

**Skill #27--Variables on Both Sides**

4)  $5b - 3b + 2 = b - 6$

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

6)  $-7 + 2v - 2 - 3 = v - 8 + 3v$

**Skill #28--Solving Equations with Parentheses**

7)  $3 + 2(6x - 3) = -99$

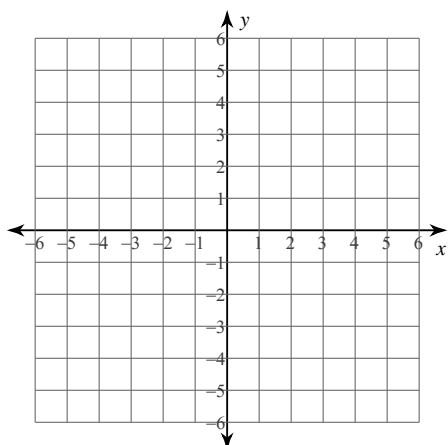
8)  $192 = 6(5a + 3) - a$

9)  $64 = 8(2 + 7p) - 8(6 + p)$

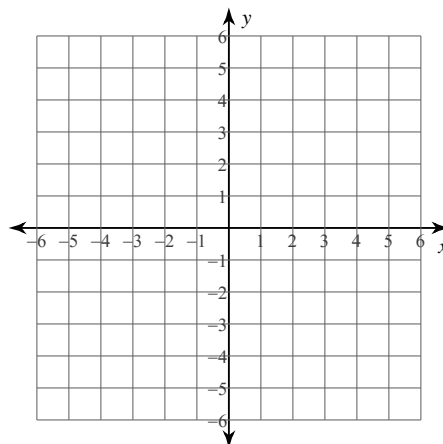
10)  $60 = 6(1 + 7k) - 4(5 - 8k)$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = 4x + 5$

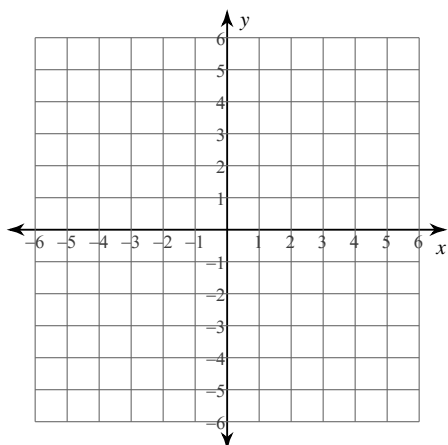


12)  $y = -\frac{7}{2}x + 3$

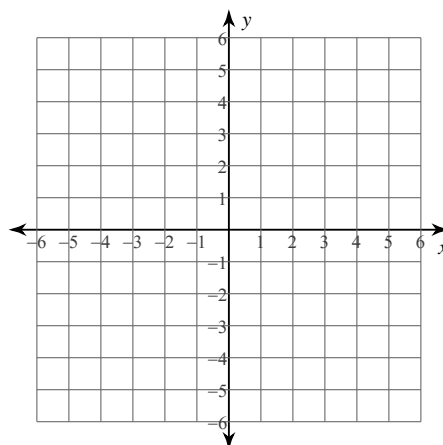


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $x - 2y = 4$

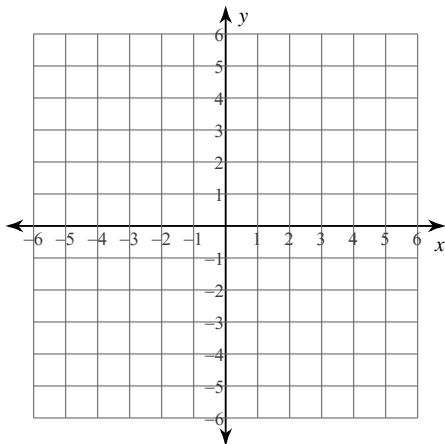


14)  $x + 5y = -20$

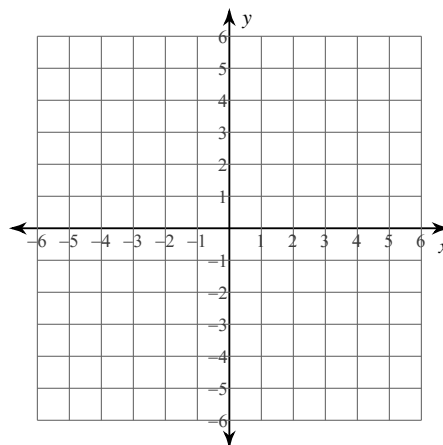


### Skill #17--Graph a Line Using Intercepts

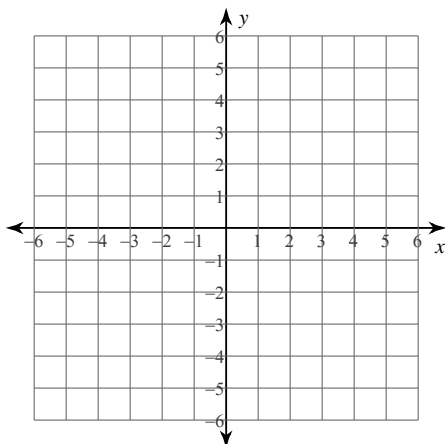
15)  $y = -\frac{1}{4}x + 1$



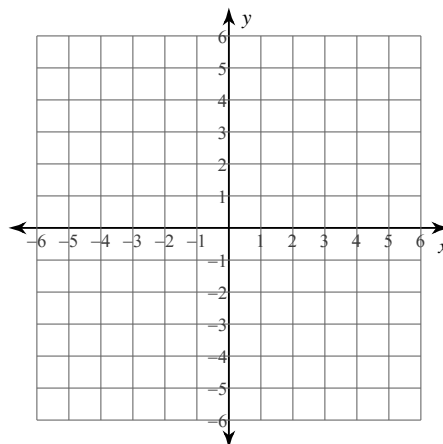
16)  $y = 4x - 1$



17)  $3x + y = 3$

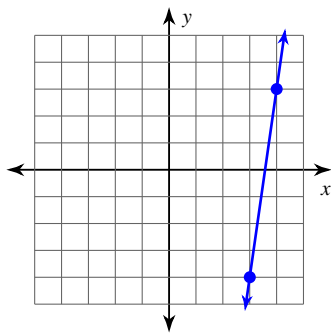


18)  $x - y = -4$

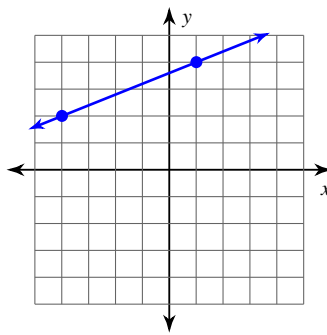


**Skill #18--Write the Equation in Slope Intercept Form**

19)

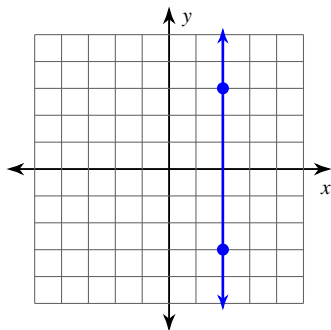


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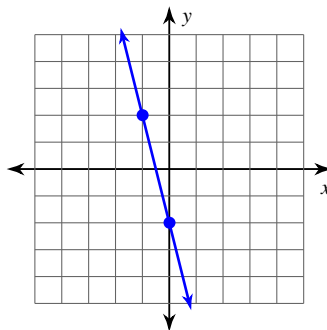


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(15, 11), (-14, -4)$

24)  $(2, -1), (18, 20)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(2, -5)$  and  $(-2, -3)$

26) through:  $(5, -3)$  and  $(-2, 2)$

27) through:  $(-2, -4)$  and  $(-2, -1)$

**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $-20 = -3m - 7m$

2)  $-5x + 2x = -9$

3)  $10 = 6 - n + 5n$

**Skill #27--Variables on Both Sides**

4)  $8r - 5 = 6r + 5 + 4$

5)  $x + 6 - 8 = -8 + 5 - x - 1$

6)  $8n + 8 = 4 + 6n - 2 + 4n$

**Skill #28--Solving Equations with Parentheses**

7)  $6(1 - 7v) = -204$

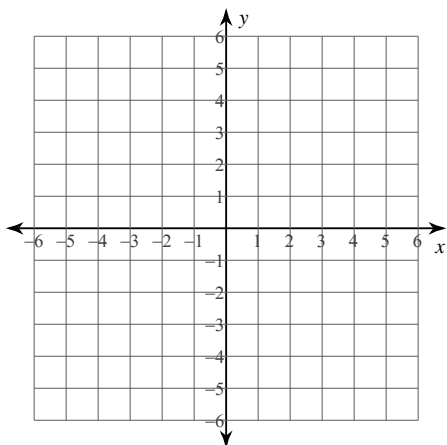
8)  $120 = -8(b - 8)$

9)  $-4 = 6(x - 1) - (4x - 4)$

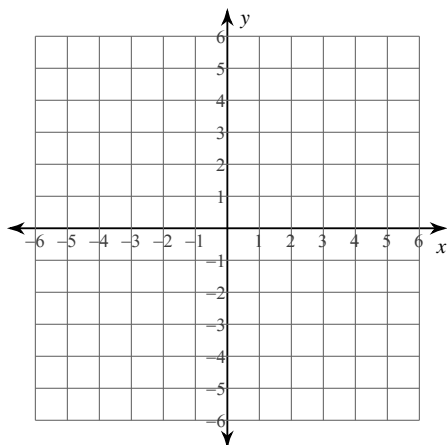
10)  $64 = -6(8x + 1) + 2(6 - 5x)$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = 2x - 5$

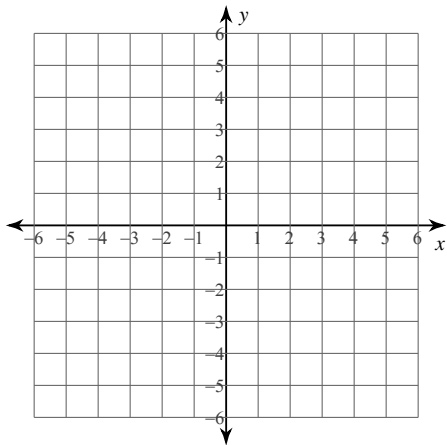


12)  $y = 4x - 3$

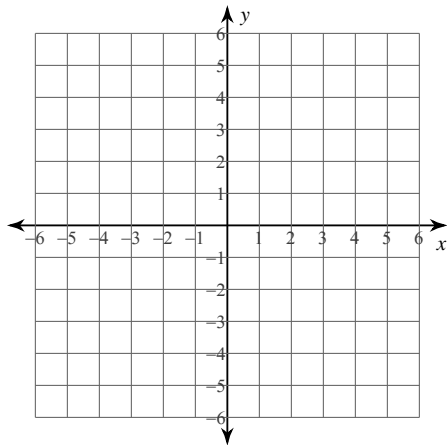


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $3x + 2y = 2$

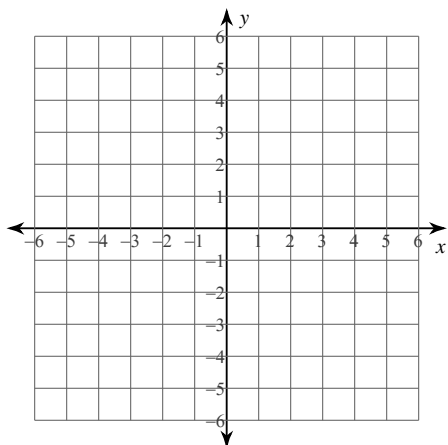


14)  $3x - 2y = 4$

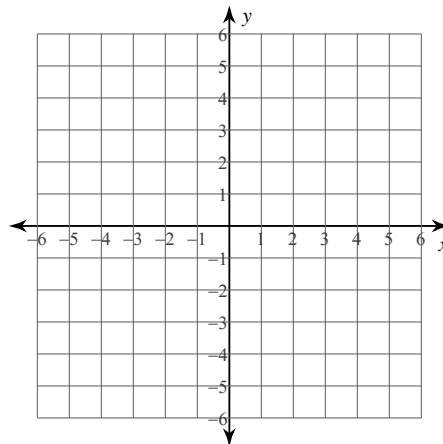


### Skill #17--Graph a Line Using Intercepts

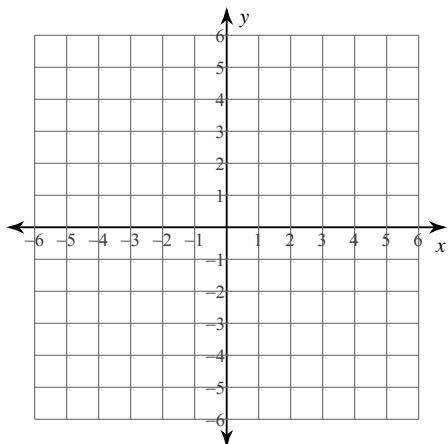
15)  $y = -6x + 2$



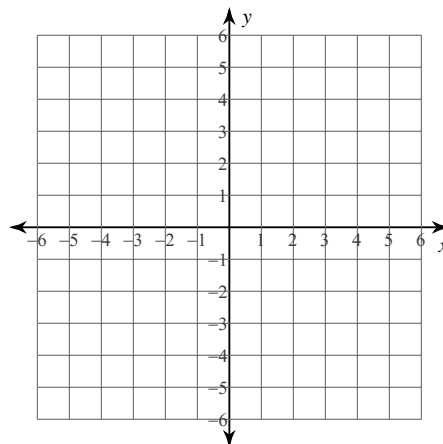
16)  $y = \frac{5}{3}x + 3$



17)  $x + y = -4$

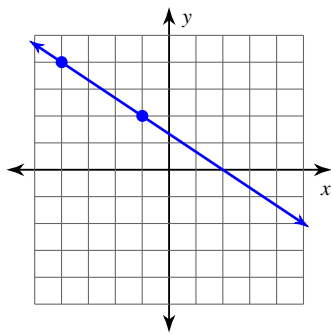


18)  $3x - 4y = 20$

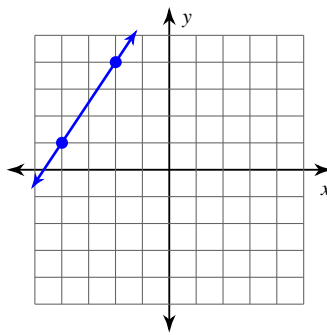


**Skill #18--Write the Equation in Slope Intercept Form**

19)

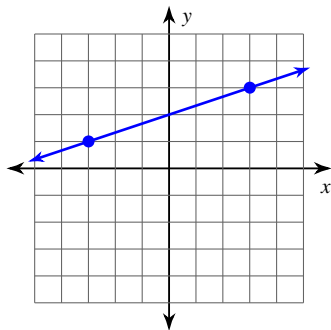


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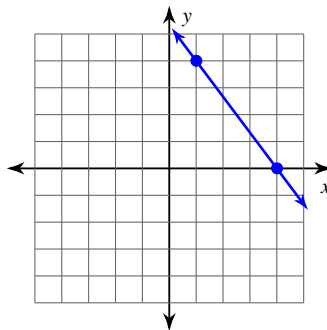


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(-19, 17), (-4, -13)$

24)  $(9, -4), (19, 10)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(5, -5)$  and  $(-3, 5)$

26) through:  $(4, 0)$  and  $(-5, 3)$

27) through:  $(5, 4)$  and  $(1, 4)$



**Cummulative Skills Review**

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**Skill #26--Solving Multi-Step Equations**

1)  $14 = 4n + 7 - 5n$

2)  $-20 = 7p + 3p$

3)  $6m - 3 - 5 = 10$

**Skill #27--Variables on Both Sides**

4)  $n - 6 = n - 7$

5)  $-5m - 7 = -5 + 6 - 2m + 7$

6)  $x - 1 - 5 = -14 - x$

**Skill #28--Solving Equations with Parentheses**

7)  $-6 - 3(1 - 4x) = 87$

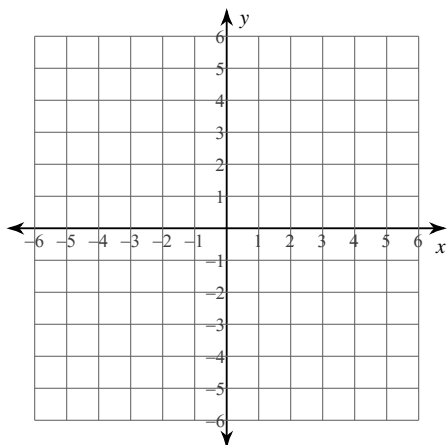
8)  $8(-4r + 6) = 112$

9)  $64 = 4(n + 4) + 8(4 - n)$

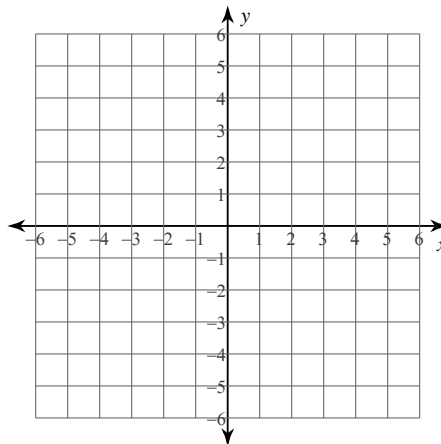
10)  $-8(-8 - b) - 8(3b - 1) = 72$

### Skill #15--Graph Using Slope Intercept Form

11)  $y = -2x - 2$

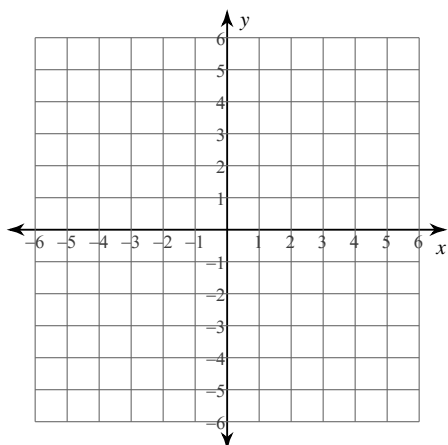


12)  $y = \frac{3}{5}x$

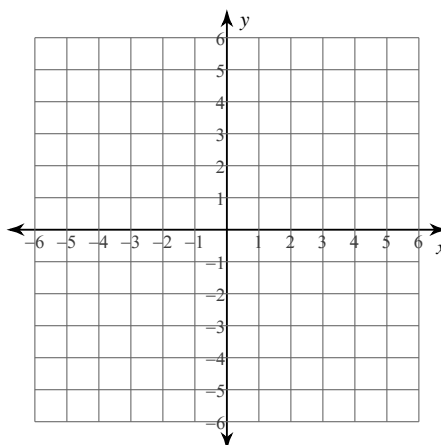


### Skill #16--Graphing a Line from Standard Form (Write in Y-Form first)

13)  $8x + 3y = 12$

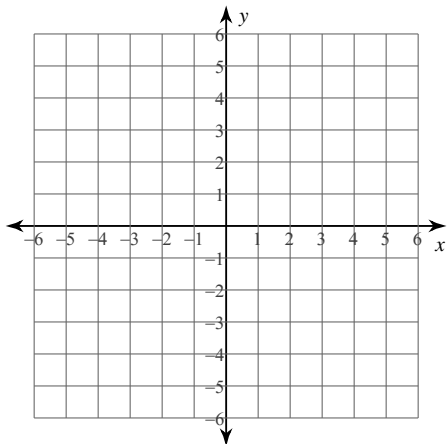


14)  $3x - y = -1$

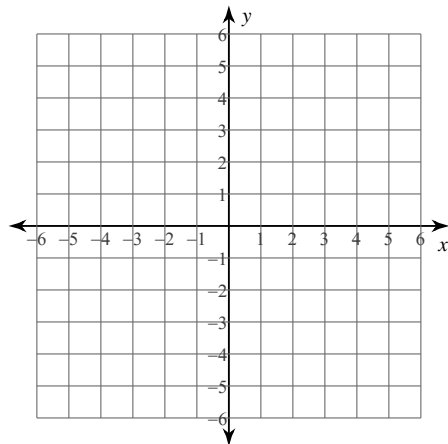


### Skill #17--Graph a Line Using Intercepts

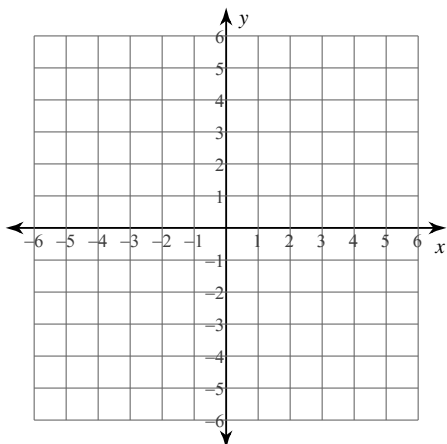
15)  $y = \frac{5}{3}x - 5$



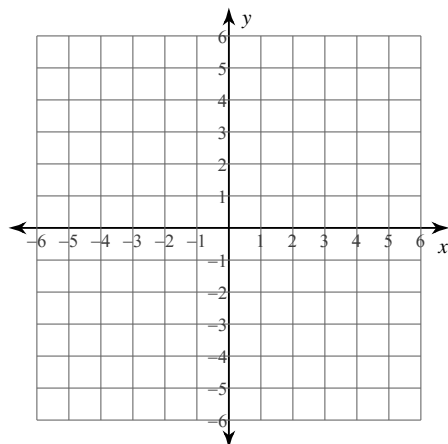
16)  $y = -\frac{1}{3}x + 5$



17)  $3x - 4y = 8$

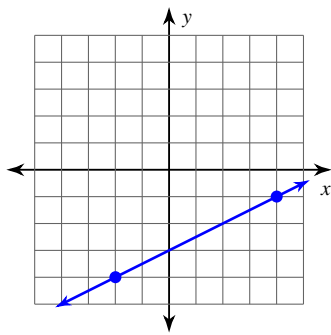


18)  $x + y = -1$

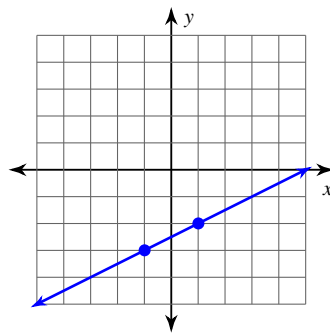


**Skill #18--Write the Equation in Slope Intercept Form**

19)

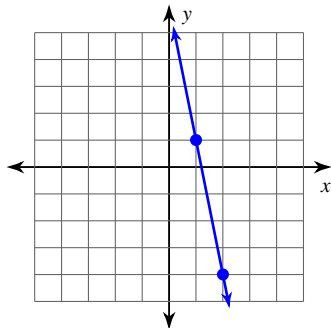


20)

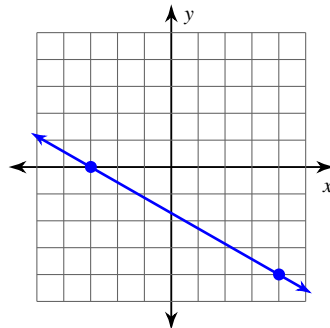


**Skill #10--Finding Slope using Slope Triangles.**

21)



22)



**Skill #11--Finding Slope use the Slope Formula  $m=(y_2-y_1)/(x_2-x_1)$**

23)  $(-11, 13), (-3, 9)$

24)  $(17, -7), (-12, -8)$

**Graph the two points and a line through them, Calculate the Slope, Determine the y-intercept, and Write the Equation of the Line.**

25) through:  $(-3, 1)$  and  $(1, 5)$

26) through:  $(1, 2)$  and  $(-3, -2)$

27) through:  $(-2, -1)$  and  $(5, 2)$