Algebra Foundations Name_____

Graphing by Intercepts

Date_____ HW#____

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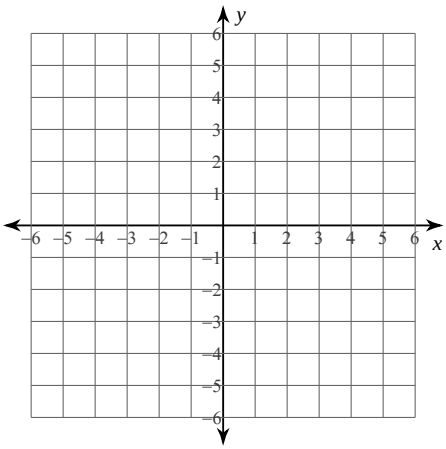
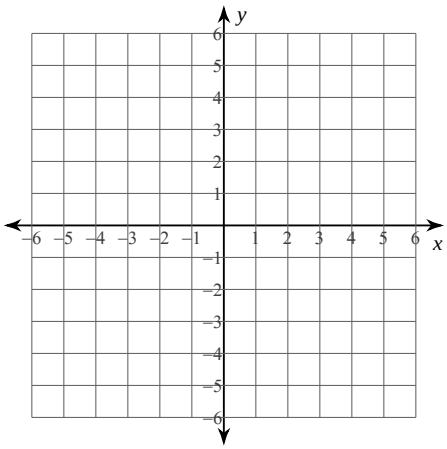
Sketch the graph of each line.

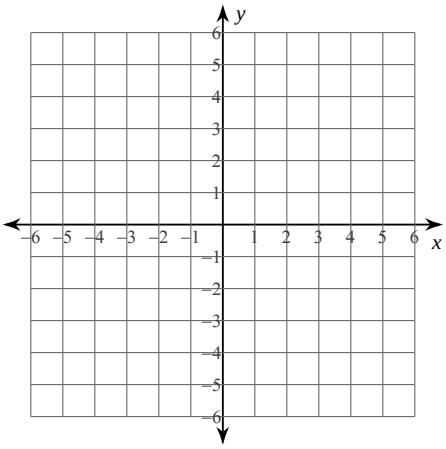
1) $3x + 4y = 20$



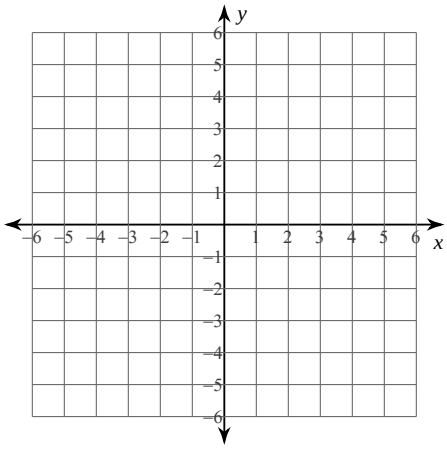
2) $x + y = -1$



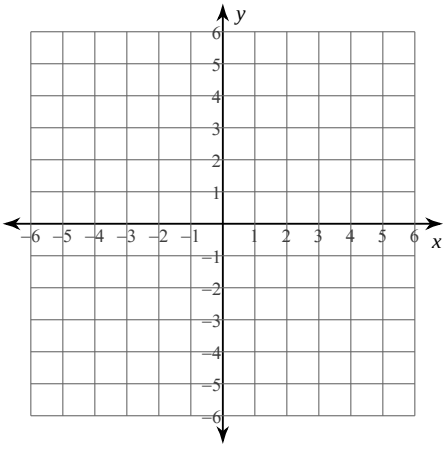
3) $3x + 2y = -4$



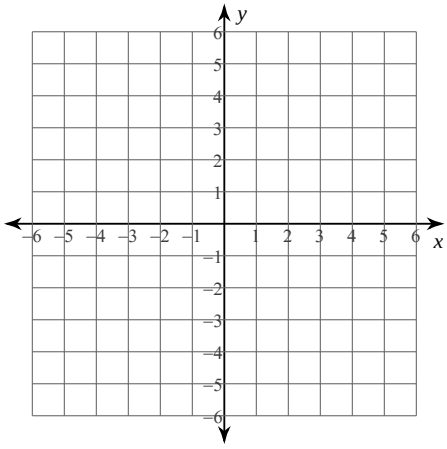
4) $x + y = 3$



5) $8x + 3y = -9$



6) $2x + 5y = 15$



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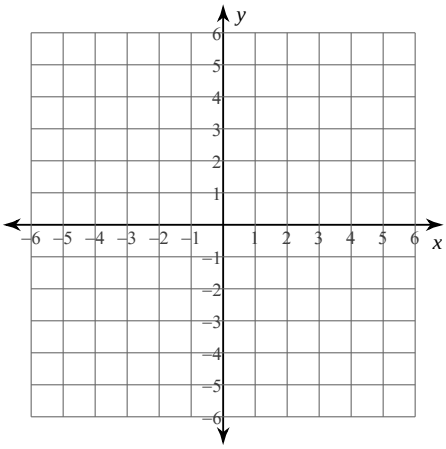
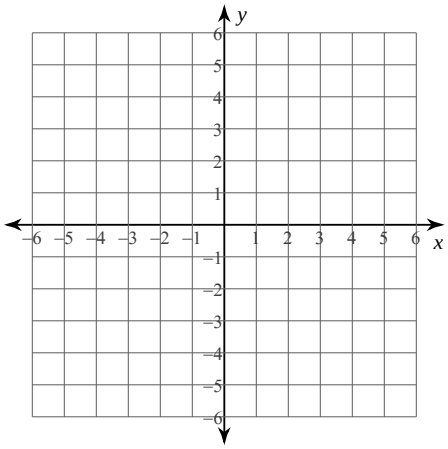
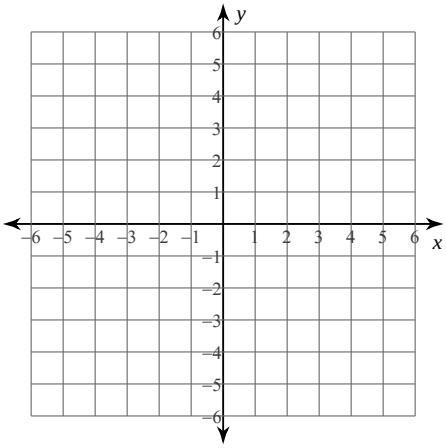
7) $3x + y = 2$



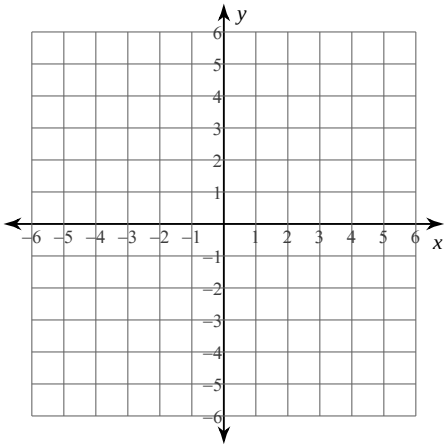
8) $x - 5y = 20$



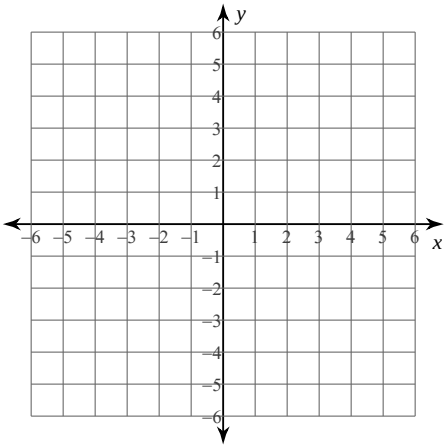
9) $9x + 2y = 10$



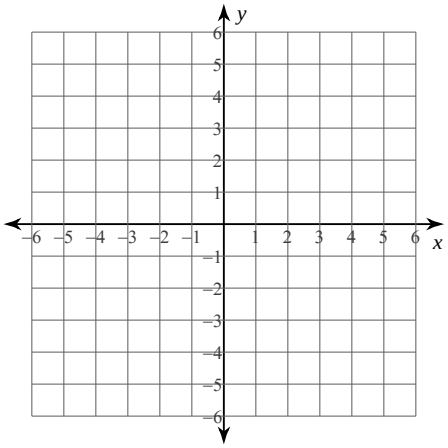
10) $x + 2y = -8$



11) $5x - 3y = 3$



12) $3x - 2y = -2$



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Algebra Foundations

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Graphing by Intercepts

Date_____ HW#____

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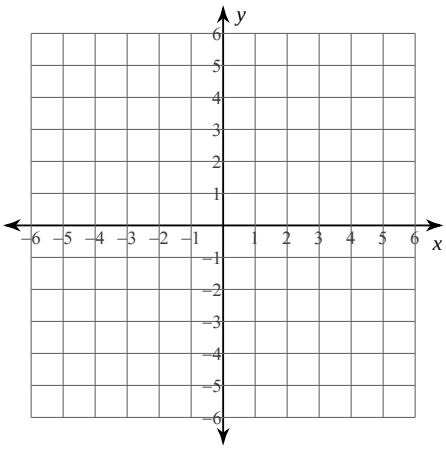
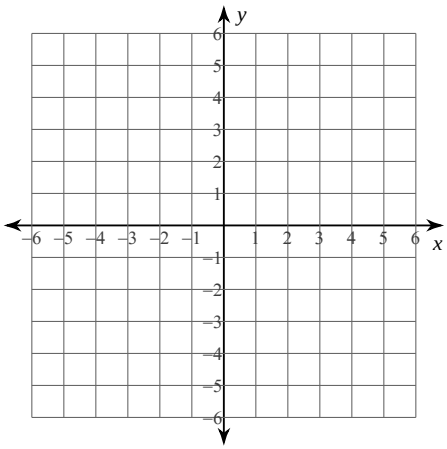
Sketch the graph of each line.

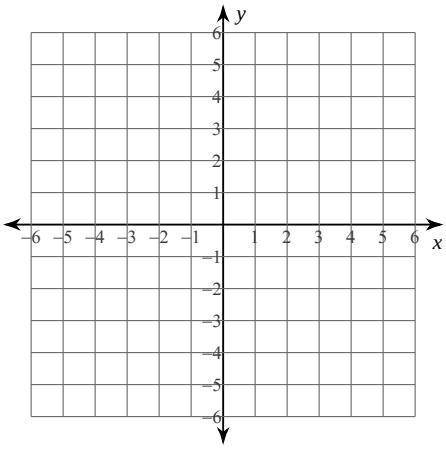
1) $x + 4y = 4$



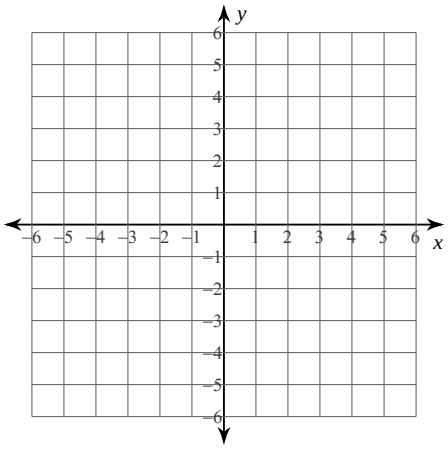
2) $x - 3y = -6$



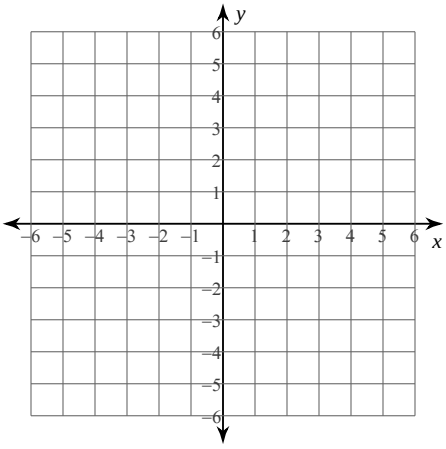
3) $3x + y = 4$



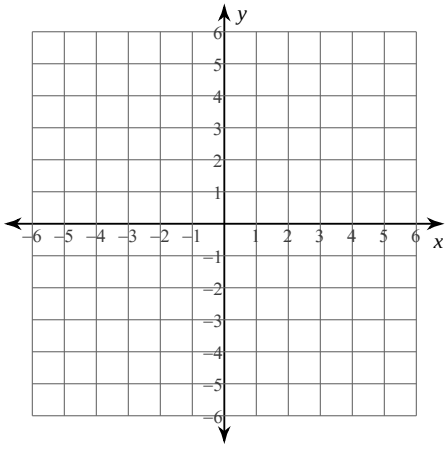
4) $y = -4$



5) $x = -2$



6) $4x - 3y = 9$



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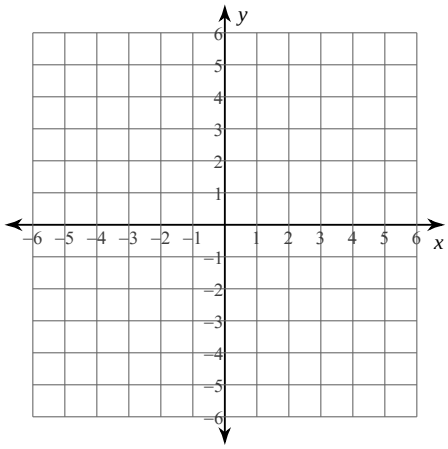
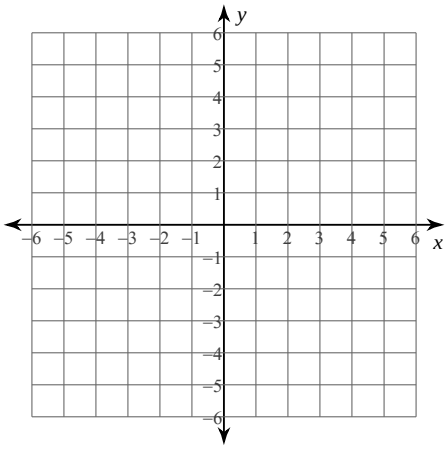
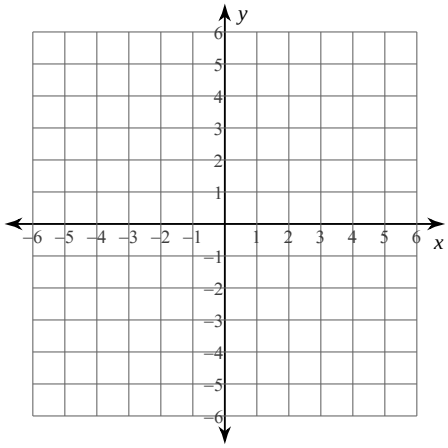
7) $4x + y = -2$



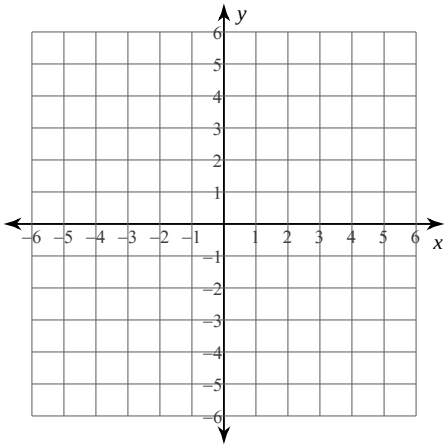
8) $y = -5$



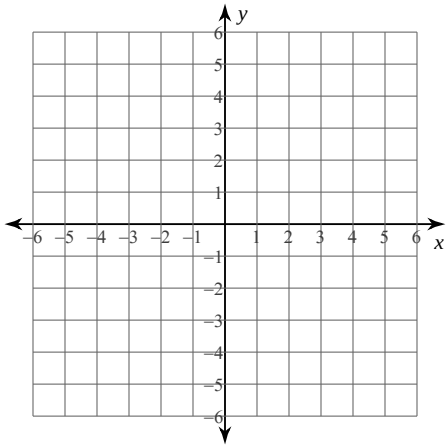
9) $2x + y = -5$



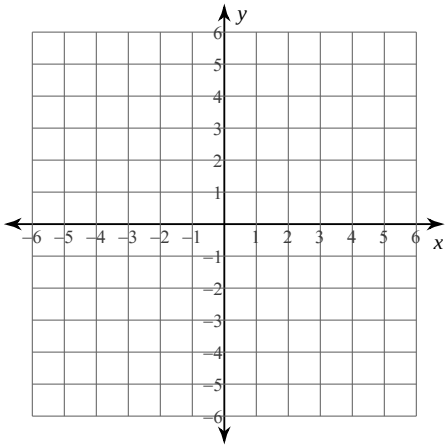
10) $y = -2$



11) $x = -1$



12) $5x + y = 1$



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Algebra Foundations Name_____

Graphing by Intercepts

Date_____ HW#____

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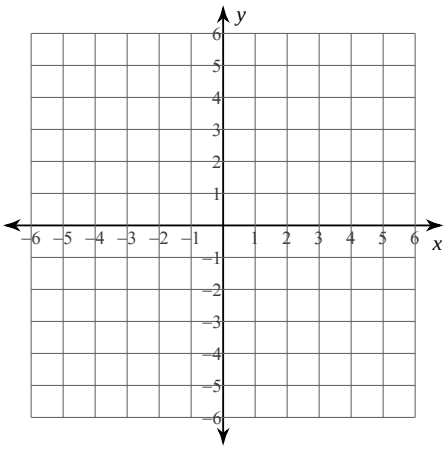
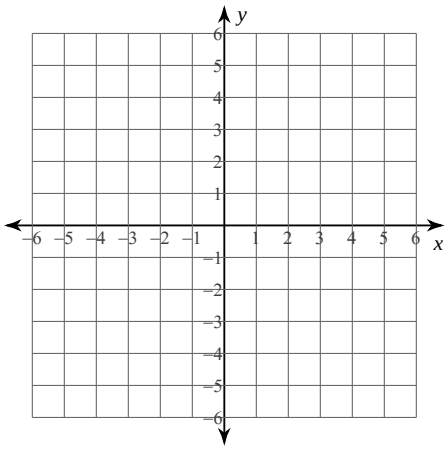
Sketch the graph of each line.

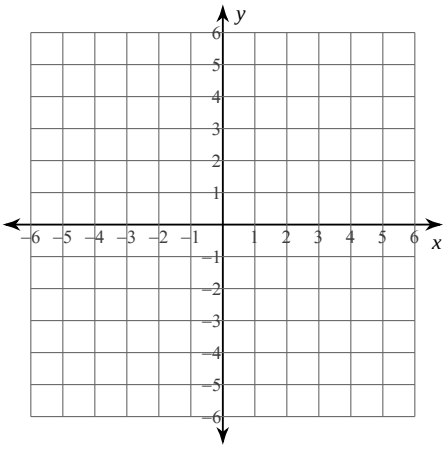
1) $6x - y = 2$



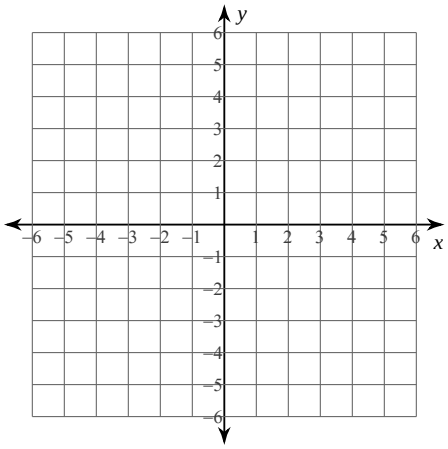
2) $3x + 2y = 2$



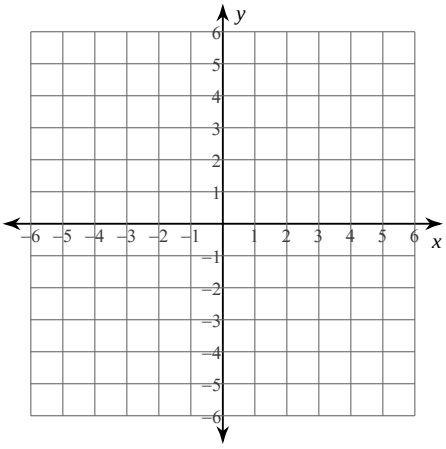
3) $x + 2y = -6$



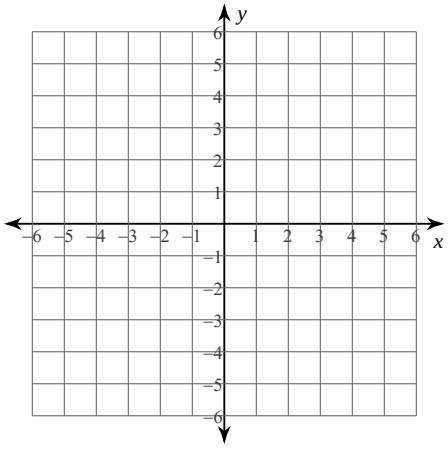
4) $7x + 2y = 4$



5) $8x + y = -5$



6) $8x - 5y = 20$



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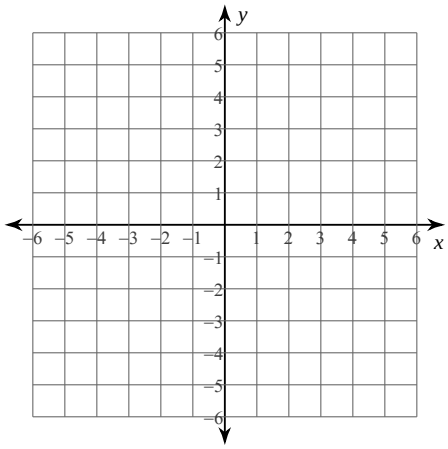
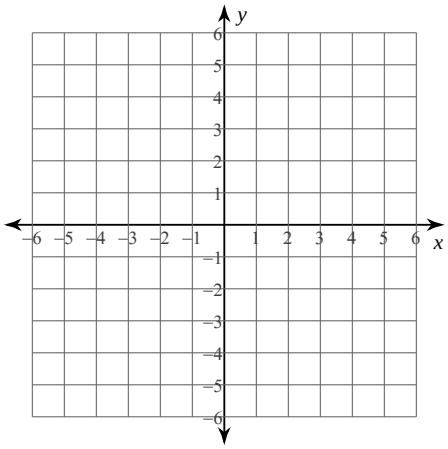
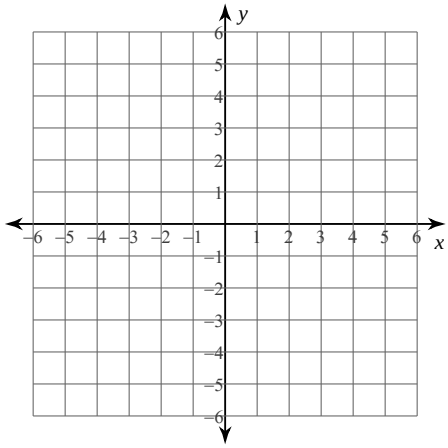
7) $5x - 3y = -9$



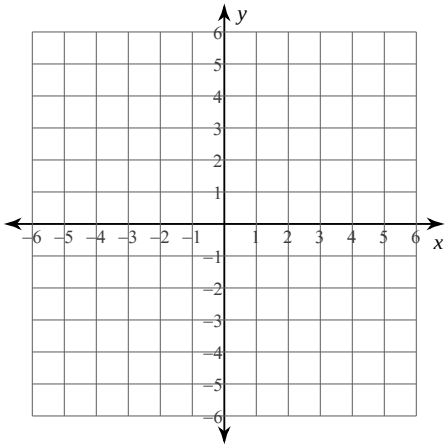
8) $x + 2y = 8$



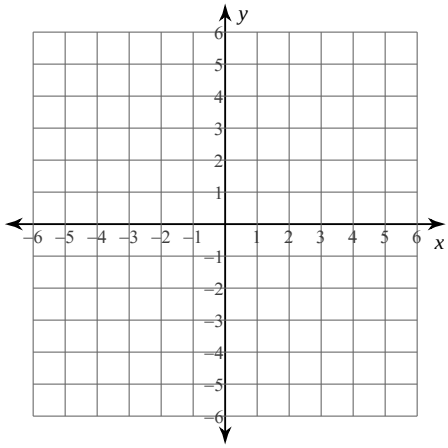
9) $2x - 5y = 20$



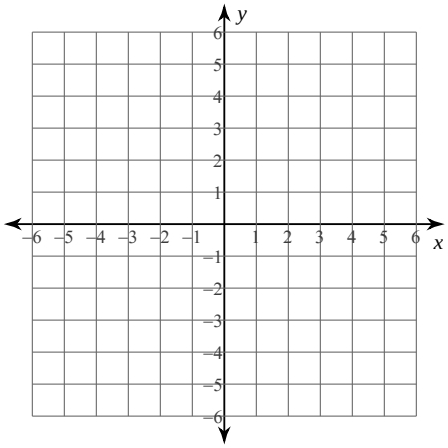
10) $5x + 2y = 0$



11) $2x - 3y = 6$



12) $7x + 4y = 20$



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Algebra Foundations Name_____

Graphing by Intercepts

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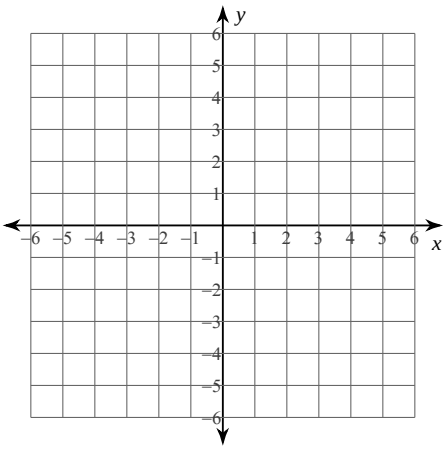
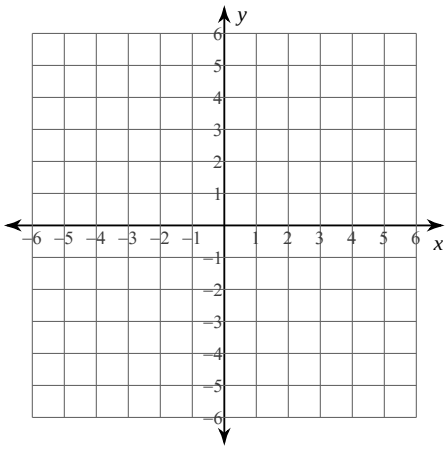
Sketch the graph of each line.

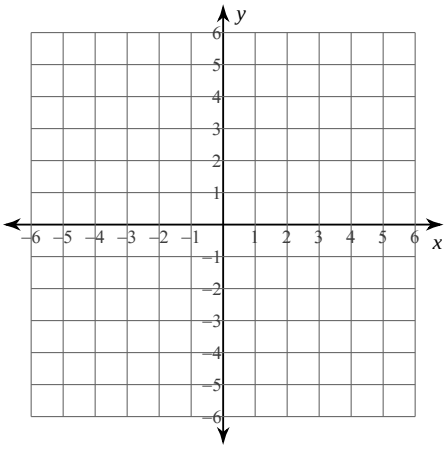
1) $5x + 2y = -6$



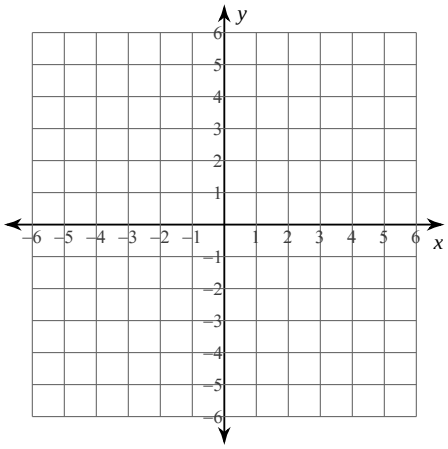
2) $7x + 5y = 10$



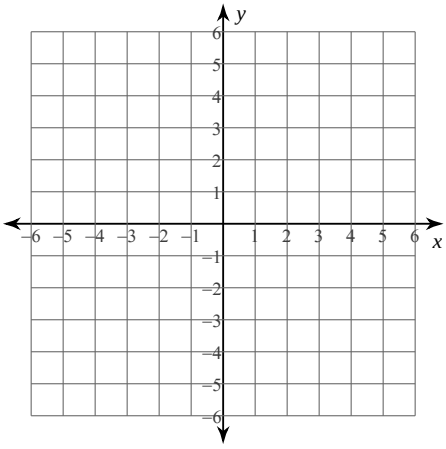
3) $4x - 5y = 5$



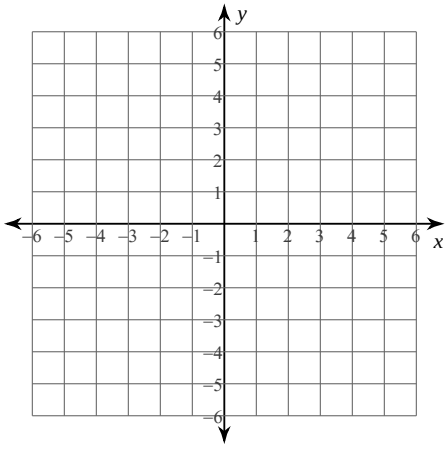
4) $x - 5y = 0$



5) $x + 3y = 3$



6) $3x - y = 5$



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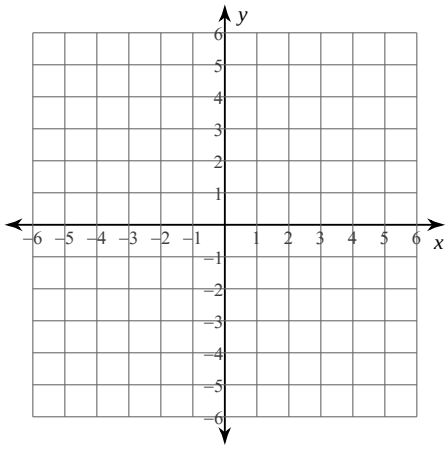
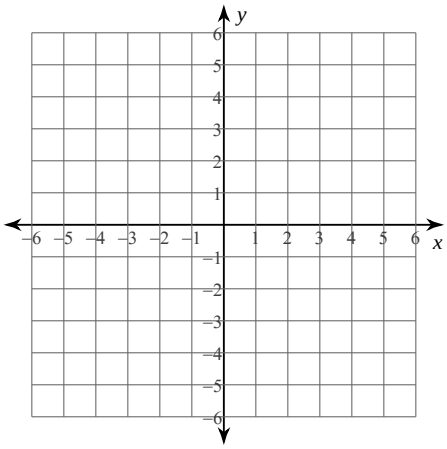
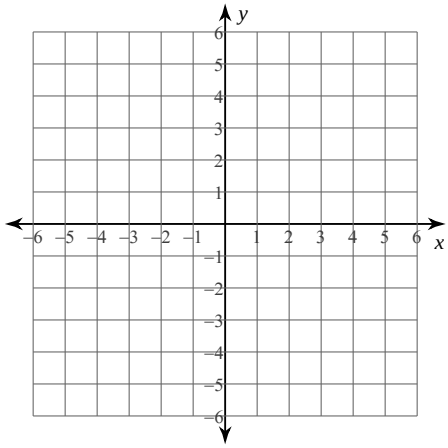
7) $3x - y = -1$



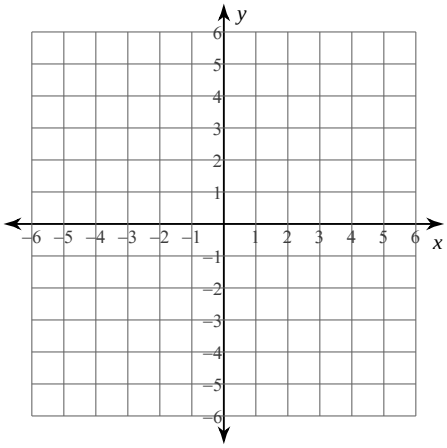
8) $x + 3y = -15$



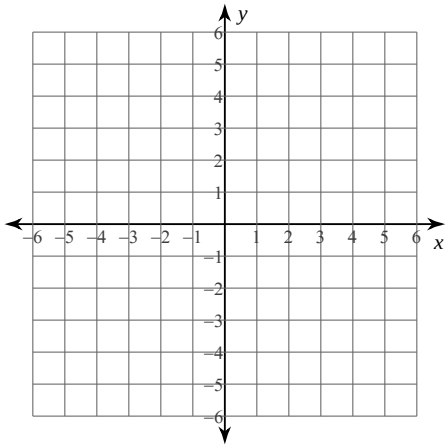
9) $x - 4y = 16$



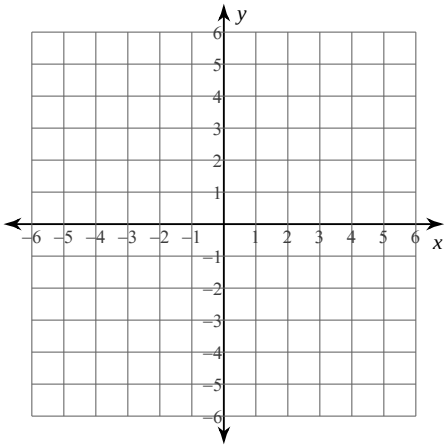
10) $x - 2y = -6$



11) $4x - 5y = -25$



12) $3x - y = -3$



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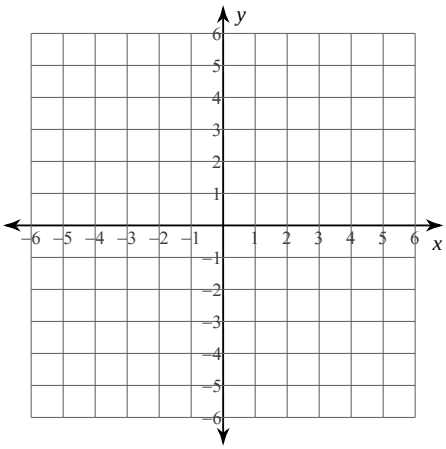
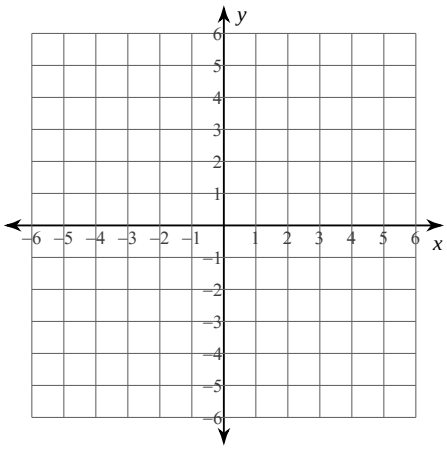
Sketch the graph of each line.

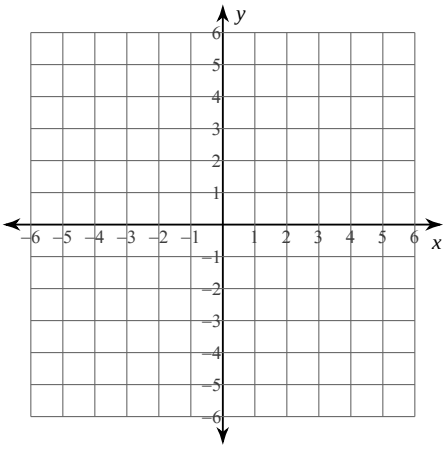
1) $3x + y = 4$



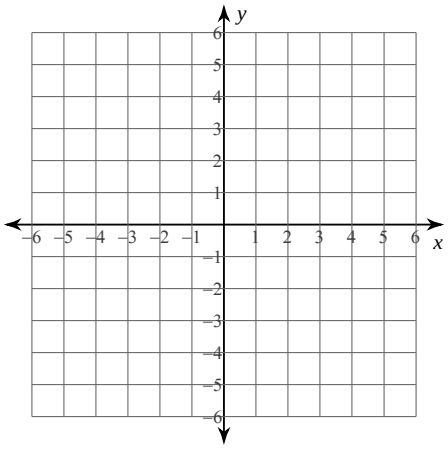
2) $x - 5y = -5$



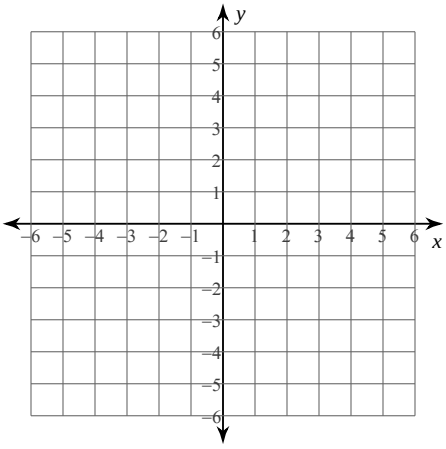
3) $3x + 5y = -20$



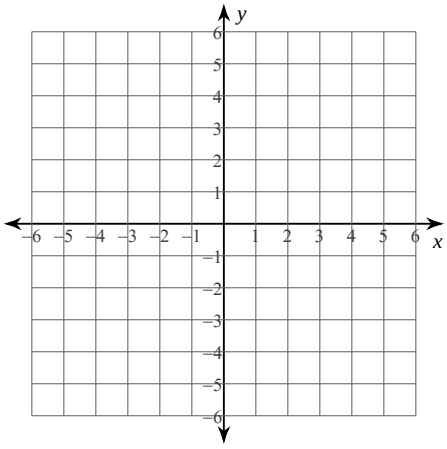
4) $y = -4$



5) $x = -4$



6) $3x - y = -5$



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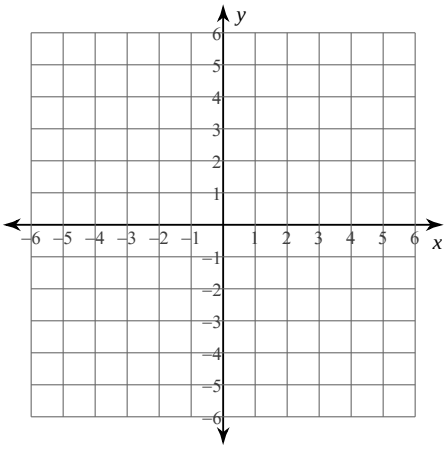
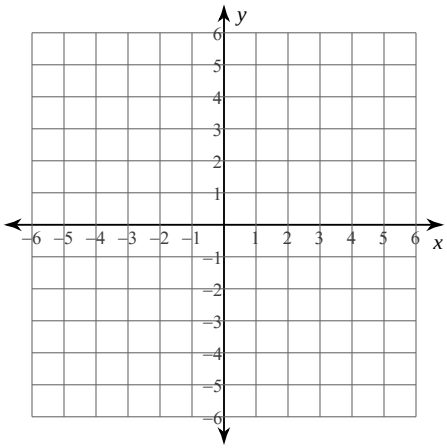
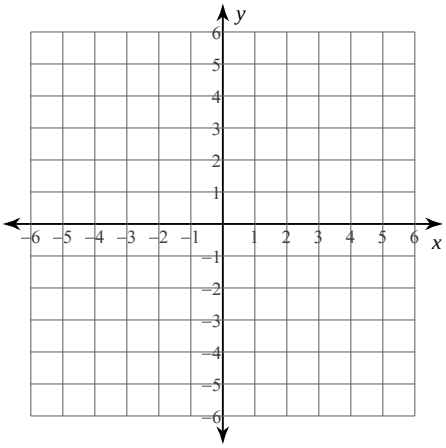
7) $x - y = 0$



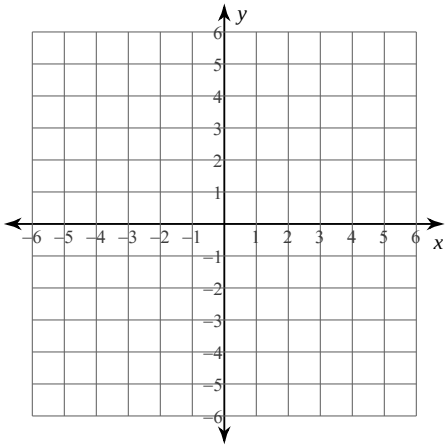
8) $x = -2$



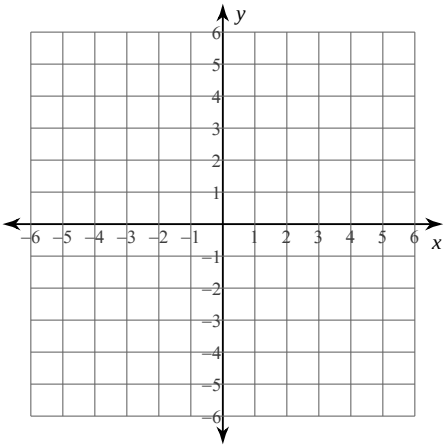
9) $2x + 3y = -3$



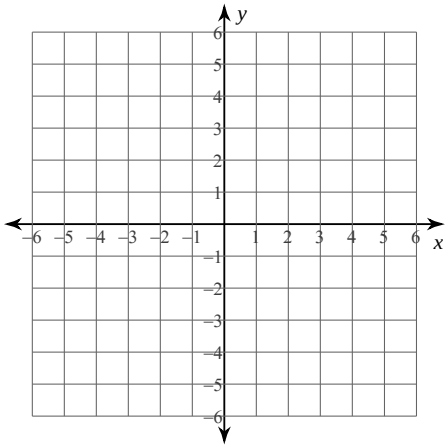
10) $3x - 2y = 4$



11) $3x - 4y = -4$



12) $x = 2$



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Algebra Foundations Name_____

Graphing by Intercepts

Date_____ HW#____

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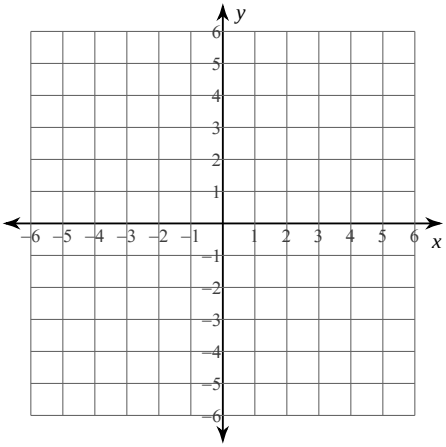
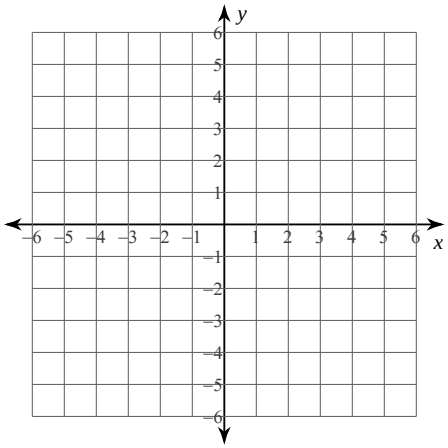
Sketch the graph of each line.

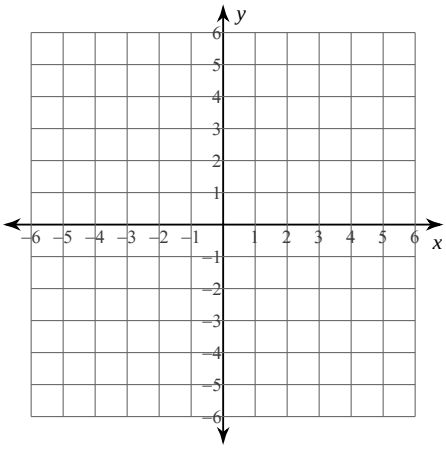
1) $x + 2y = -6$



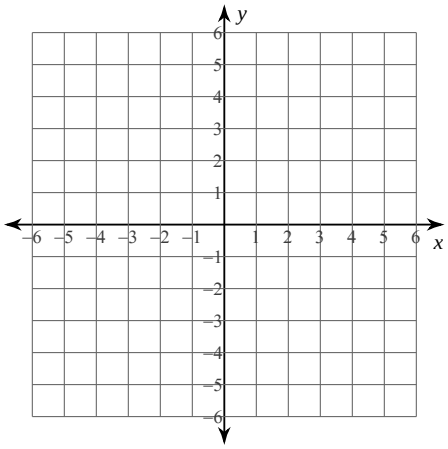
2) $9x - 4y = 20$



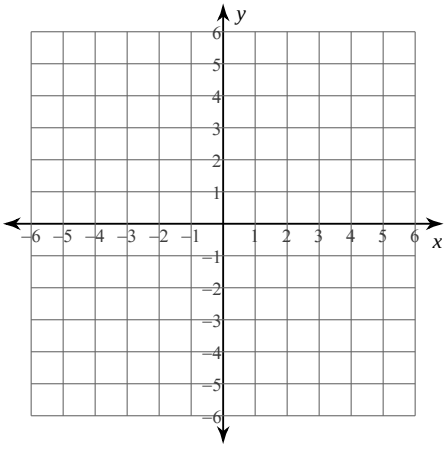
3) $x - y = 1$



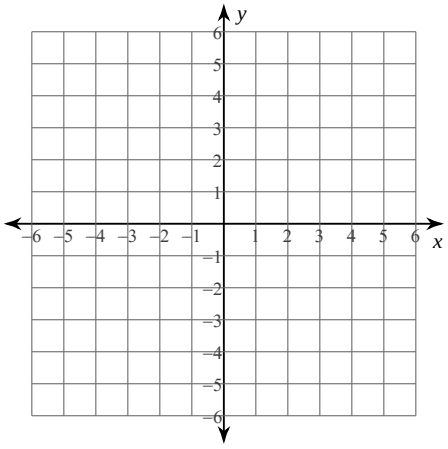
4) $x + 2y = 6$



5) $2x - 3y = 15$



6) $8x - 5y = -20$



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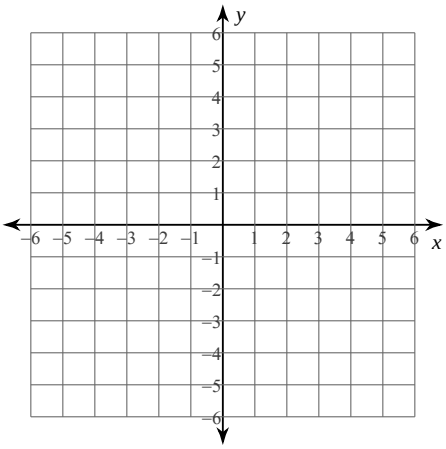
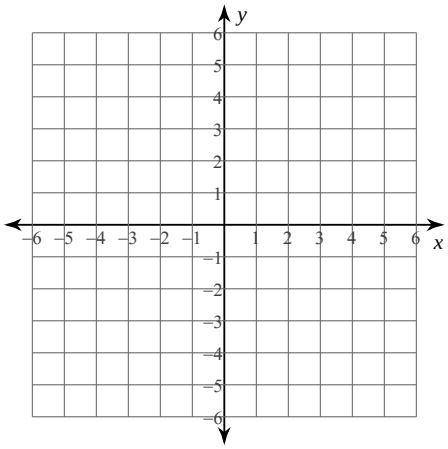
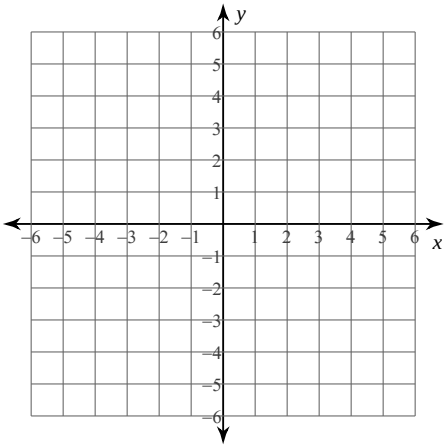
7) $7x - y = -3$



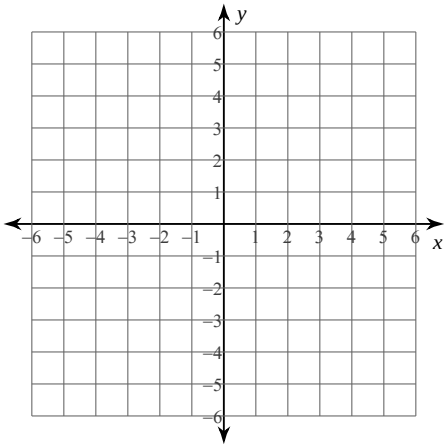
8) $x - 2y = 4$



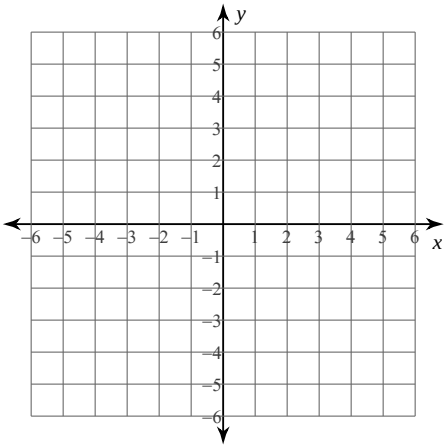
9) $x - 5y = 10$



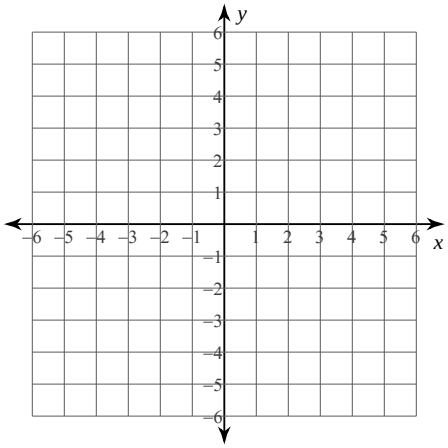
10) $x - 2y = -10$



11) $5x + 3y = 0$



12) $4x + 5y = 0$



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Algebra Foundations Name_____

Graphing by Intercepts

Date_____ HW#____

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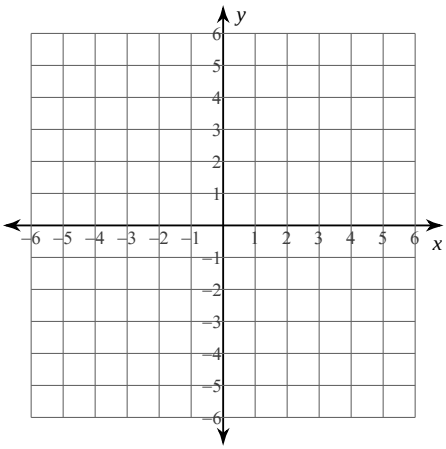
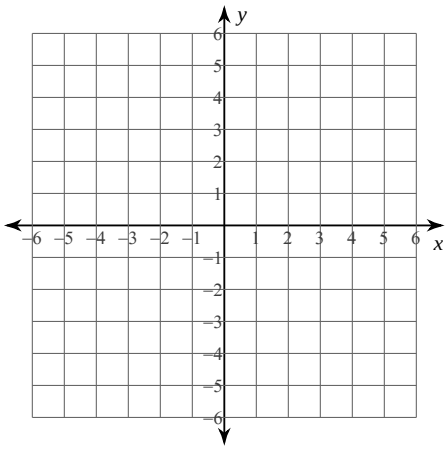
Sketch the graph of each line.

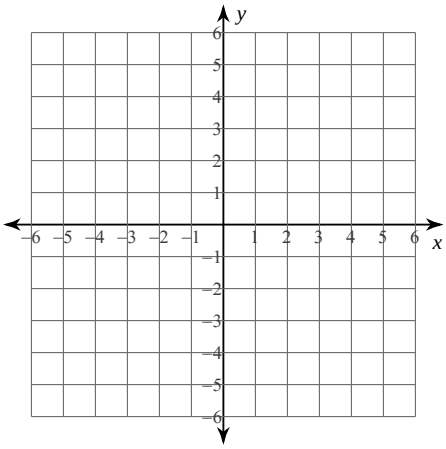
1) $3x + 4y = 16$



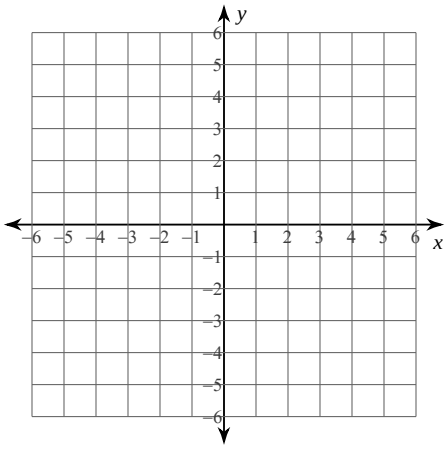
2) $x - y = 1$



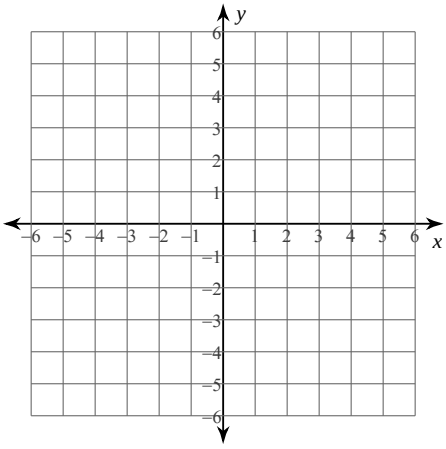
3) $y = 2$



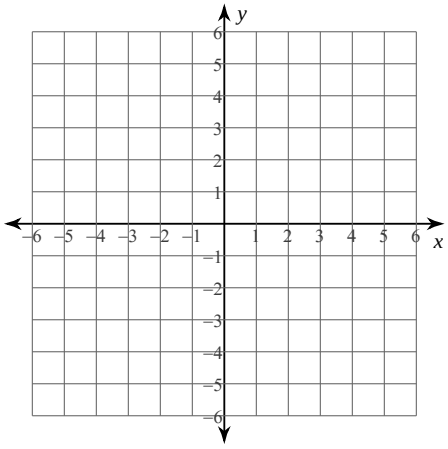
4) $x = -5$



5) $5x - 3y = 6$



6) $2x + y = 5$



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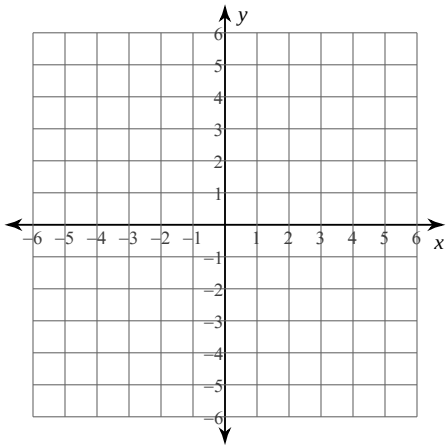
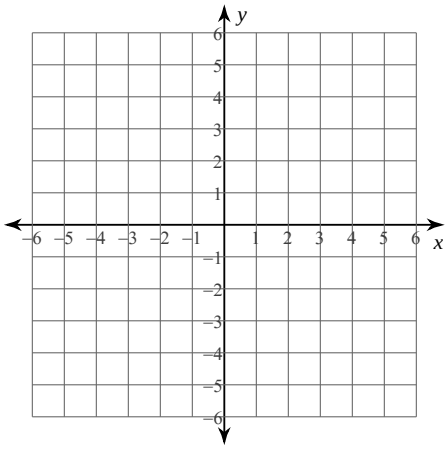
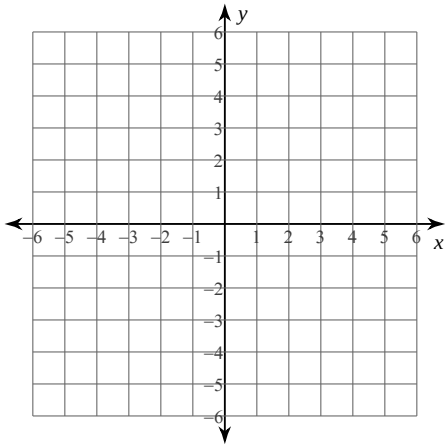
7) $x = -3$



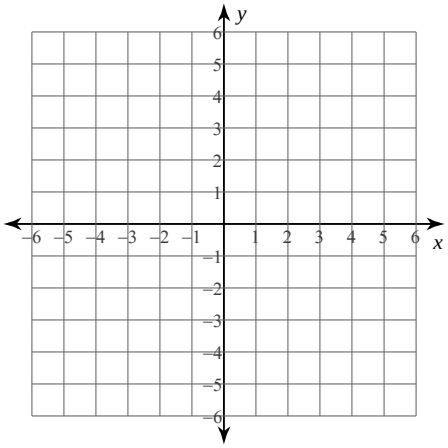
8) $3x - 2y = 6$



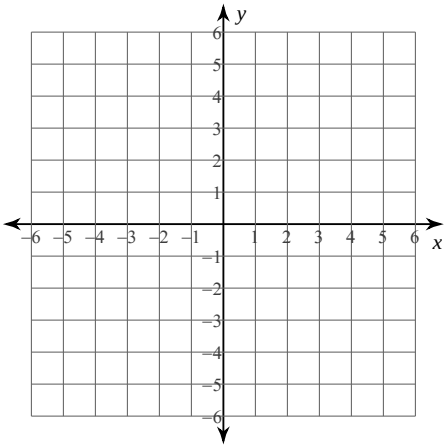
9) $7x + 3y = -12$



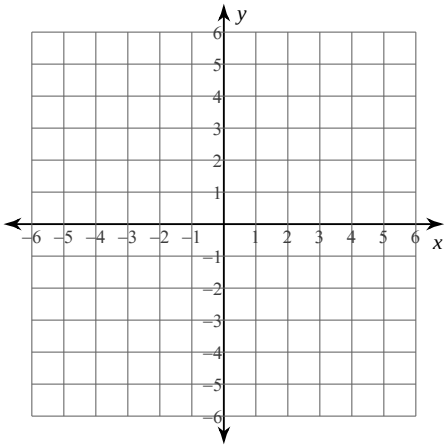
10) $y = -1$



11) $y = 3$



12) $x - y = -2$



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Algebra Foundations Name_____

Graphing by Intercepts

Date_____ HW#____

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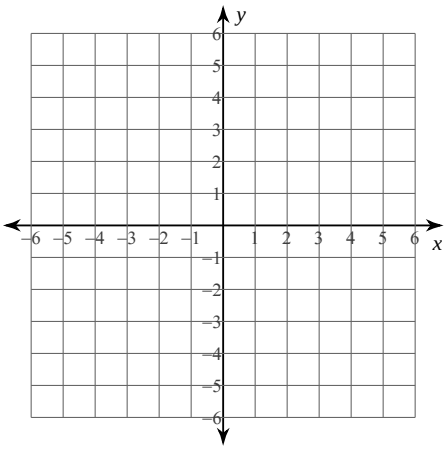
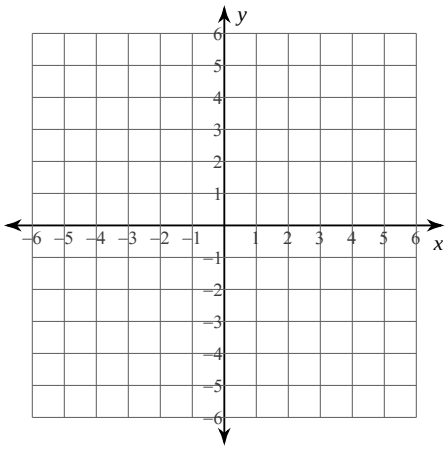
Sketch the graph of each line.

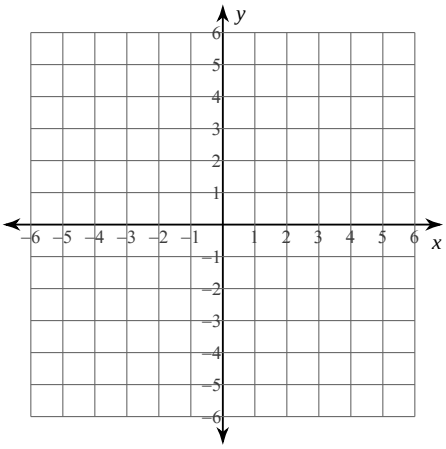
1) $x + 5y = 15$



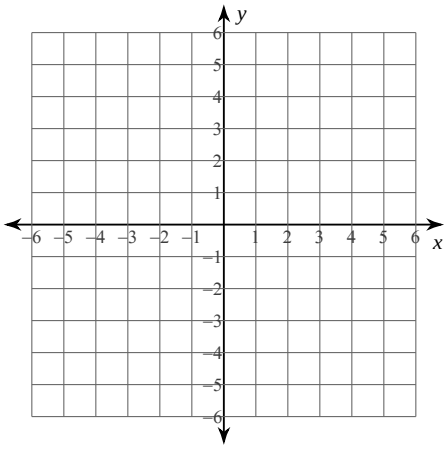
2) $3x + 2y = 10$



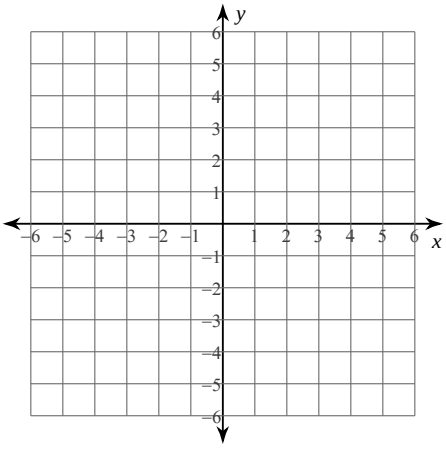
3) $9x + y = -4$



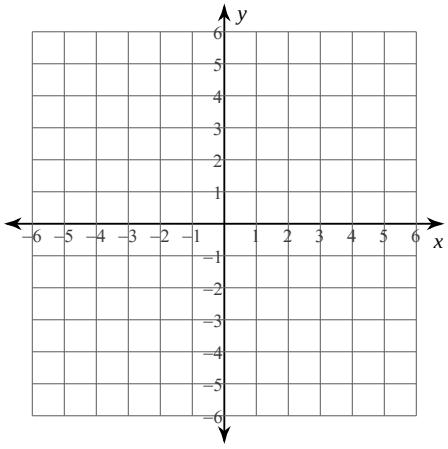
4) $3x + 4y = -8$



5) $4x - 3y = -12$



6) $5x + 3y = 6$



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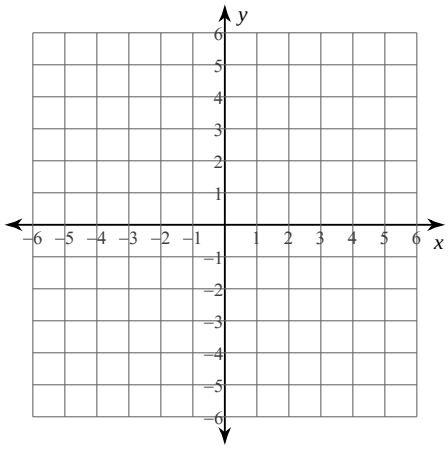
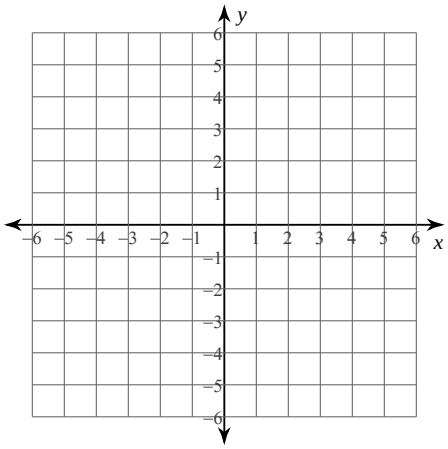
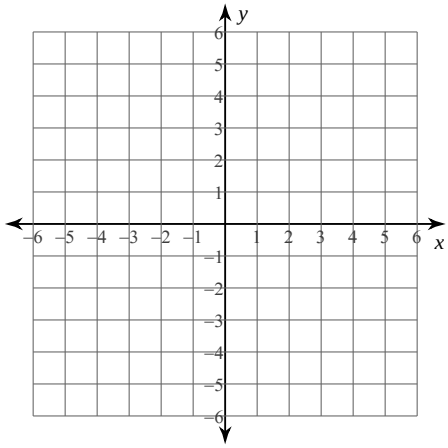
7) $2x + 3y = -9$



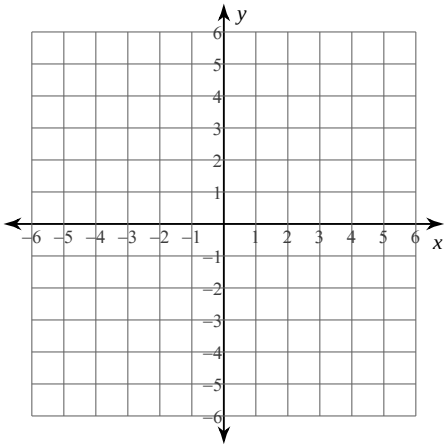
8) $4x + y = 2$



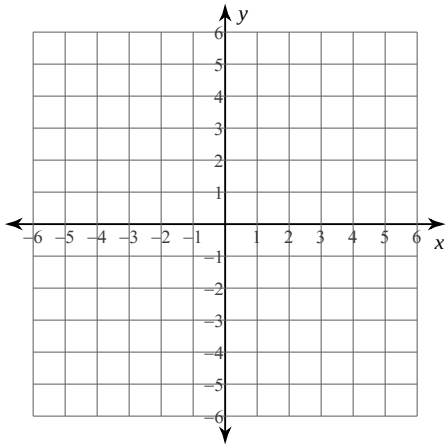
9) $3x + 5y = 5$



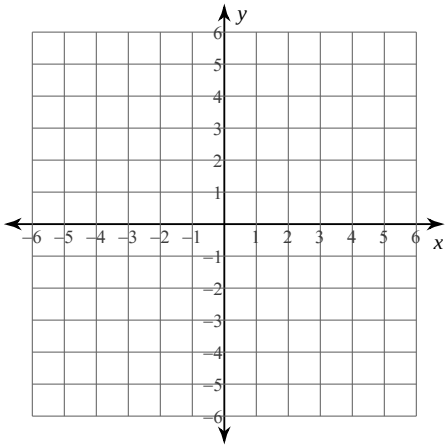
10) $3x + 5y = -10$



11) $x - y = 5$



12) $x - y = 1$



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Algebra Foundations Name_____

Graphing by Intercepts

Date_____ HW#____

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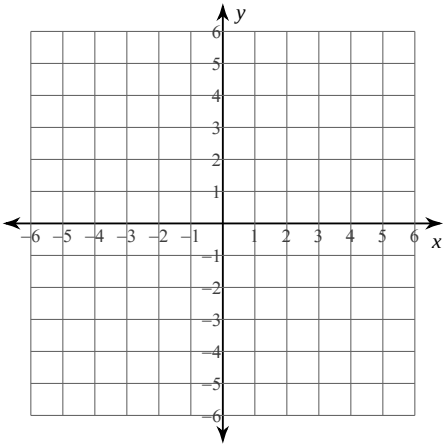
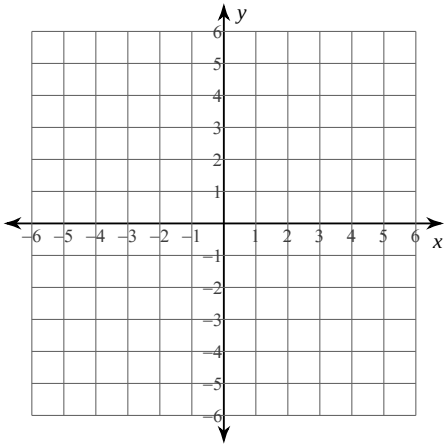
Sketch the graph of each line.

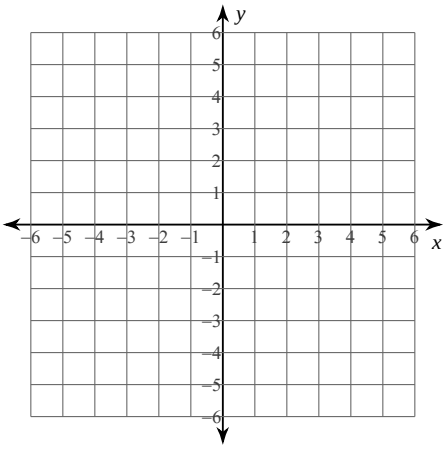
1) $5x - 2y = -2$



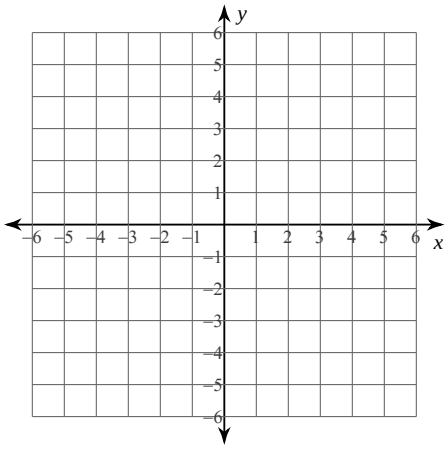
2) $3x + y = -2$



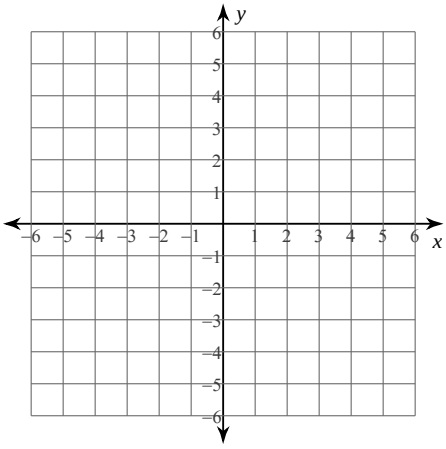
3) $4x + y = -1$



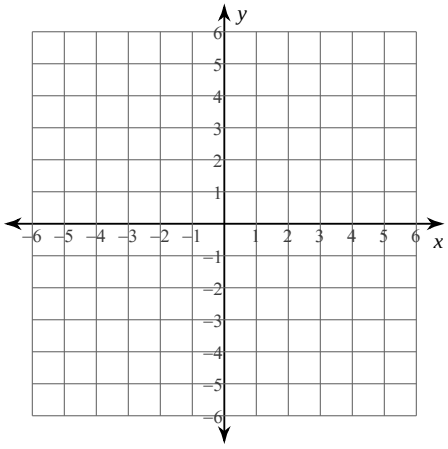
4) $2x + y = 2$



5) $4x + y = 4$



6) $x - 2y = 6$



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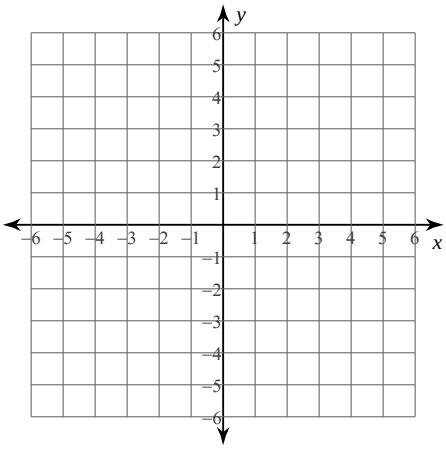
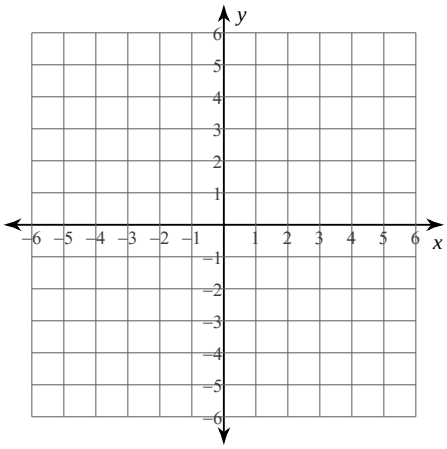
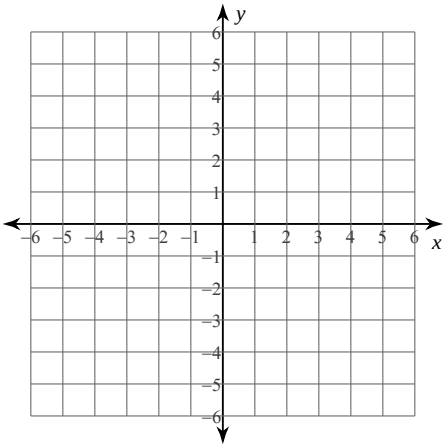
7) $7x - 2y = 8$



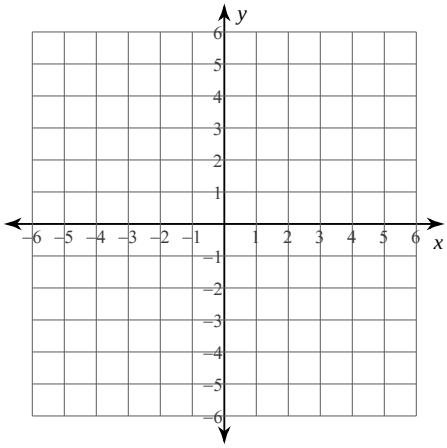
8) $2x - y = -4$



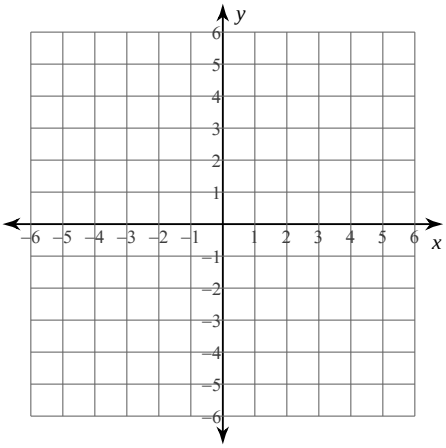
9) $2x + 3y = -12$



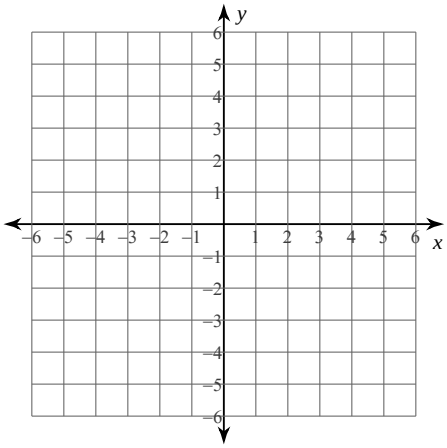
10) $6x + 5y = 15$



11) $x - 4y = -4$



12) $8x + 5y = -25$



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Algebra Foundations Name_____

Graphing by Intercepts

Date_____ HW#____

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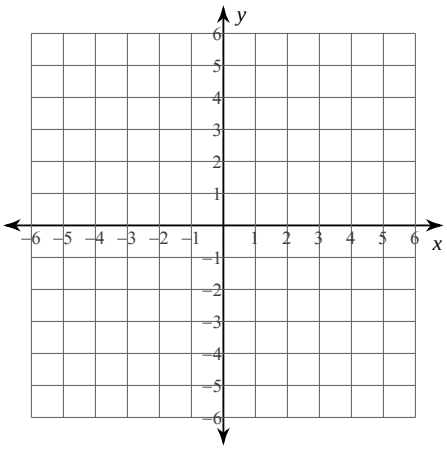
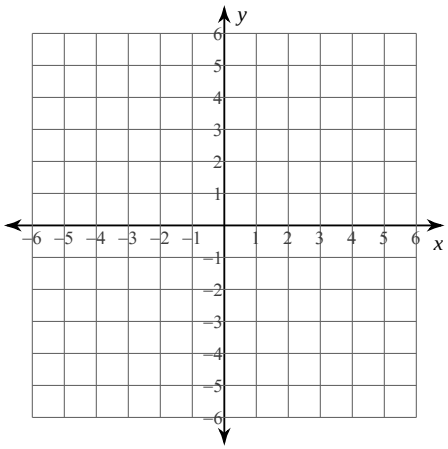
Sketch the graph of each line.

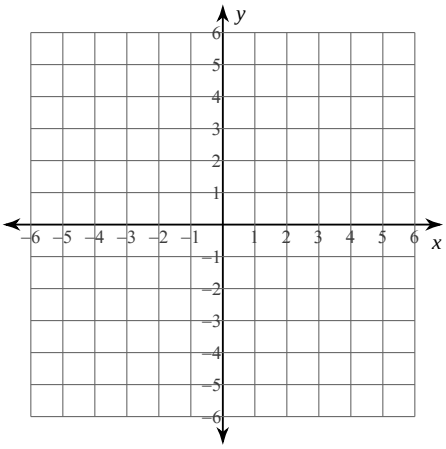
1) $y = 3$



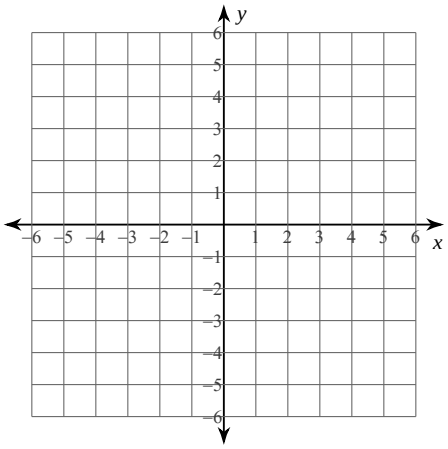
2) $x - y = 4$



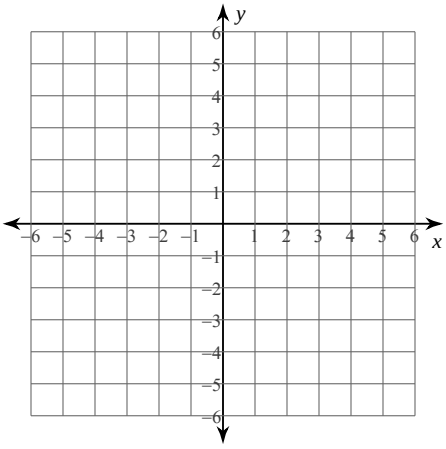
3) $6x + y = -5$



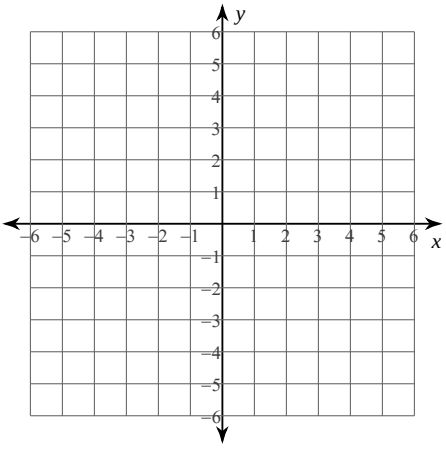
4) $x - 2y = -4$



5) $x = -1$



6) $y = 2$



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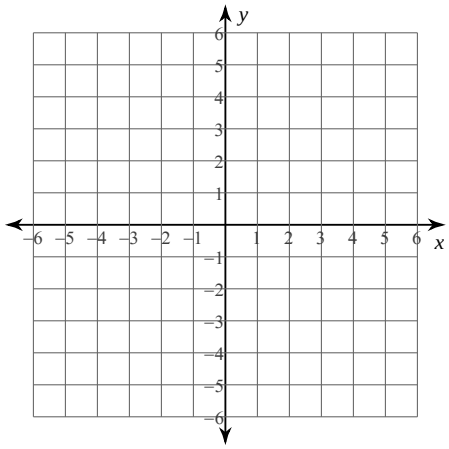
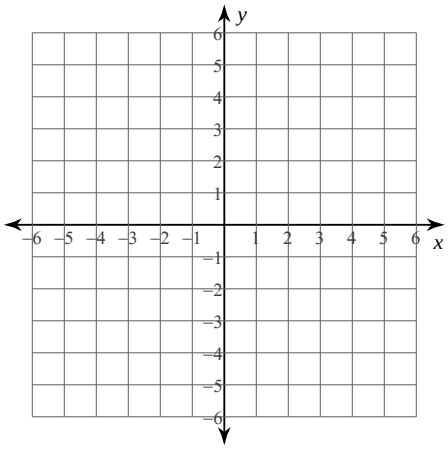
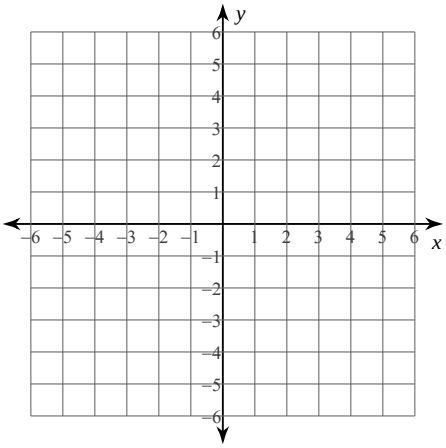
7) $y = 5$



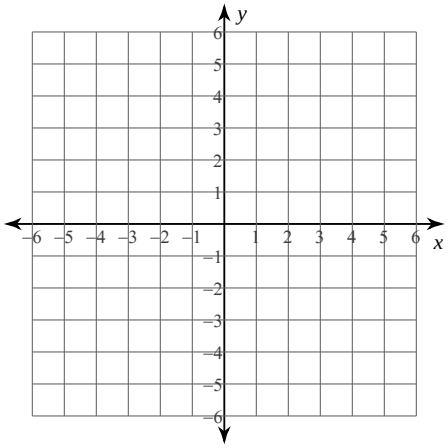
8) $5x + 2y = 10$



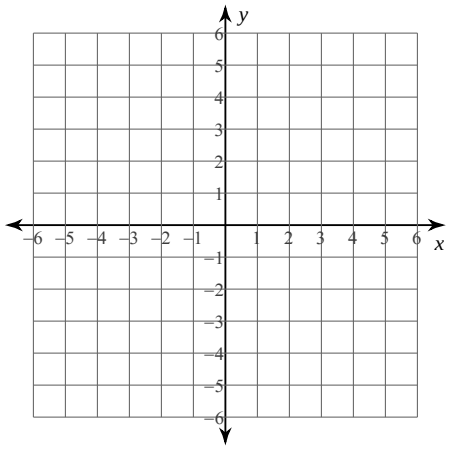
9) $5x - y = -1$



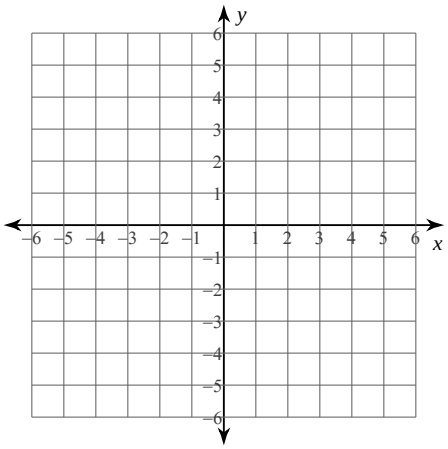
10) $x + 3y = 0$



11) $y = 0$



12) $5x + y = -3$



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Algebra Foundations Name_____

Graphing by Intercepts

Date_____ HW#____

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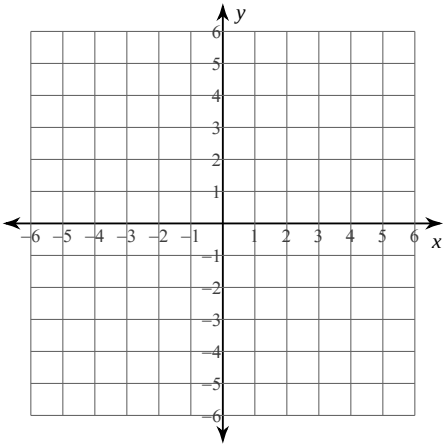
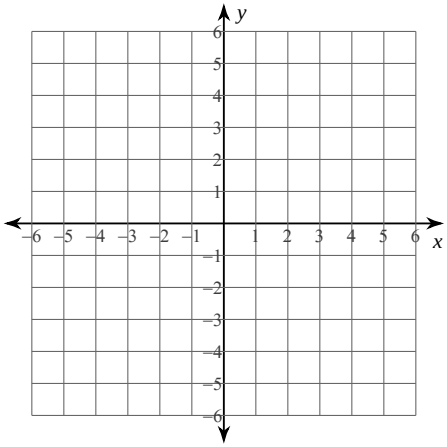
Sketch the graph of each line.

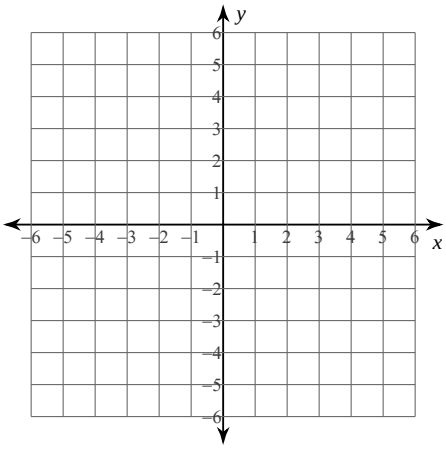
1) $2x + y = -1$



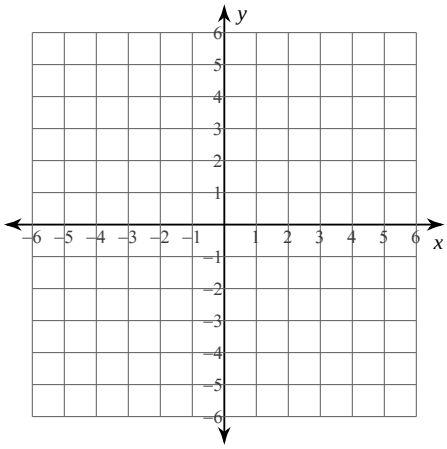
2) $2x - 5y = -10$



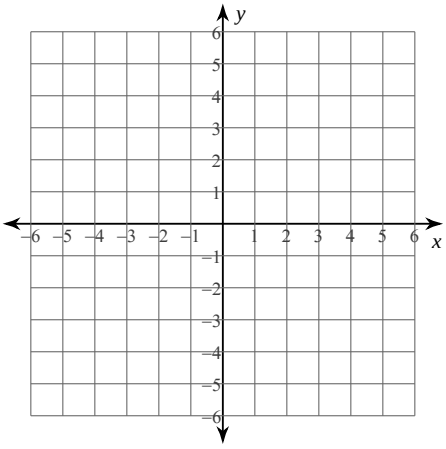
3) $4x + 3y = 3$



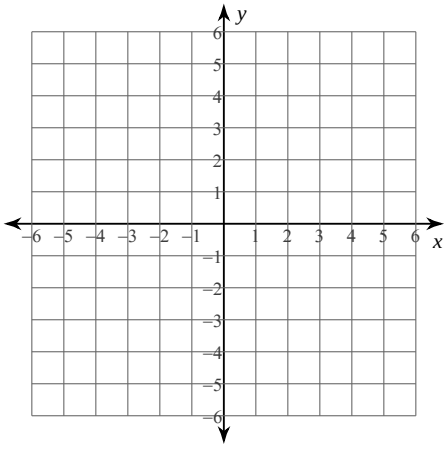
4) $3x - 4y = 0$



5) $x + 4y = -16$



6) $7x - 5y = -25$



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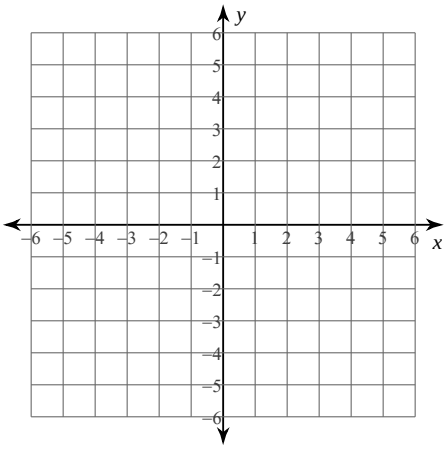
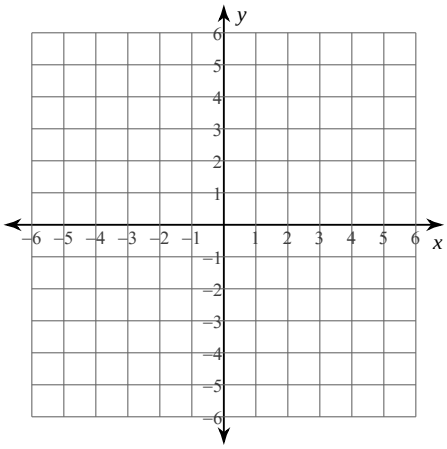
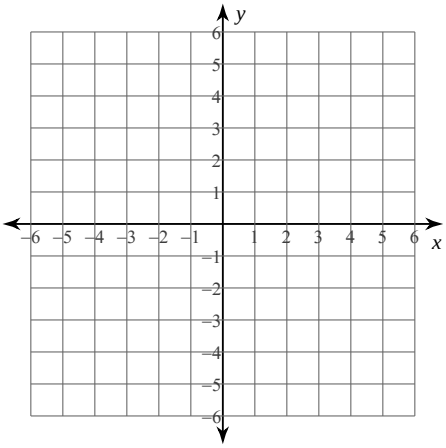
7) $2x - y = 1$



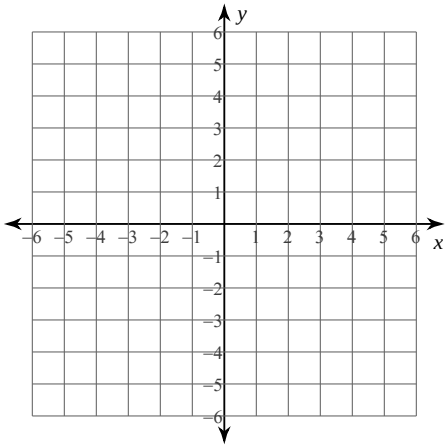
8) $6x - y = -4$



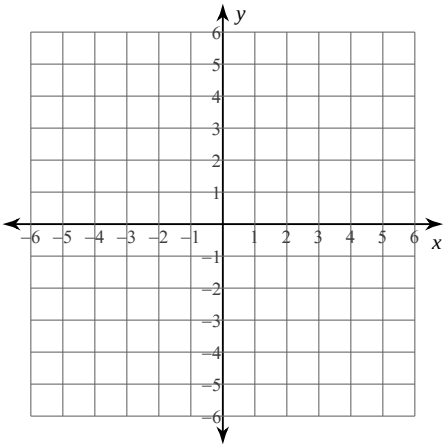
9) $4x + 5y = -15$



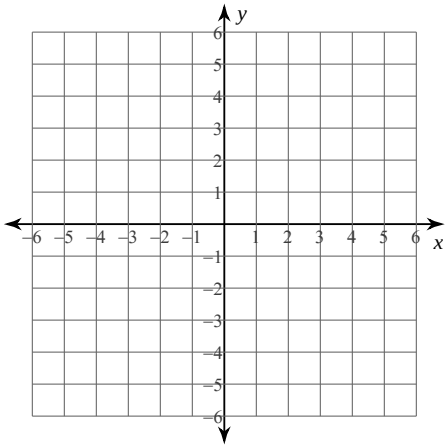
10) $x + y = 0$



11) $5x + 2y = -10$



12) $7x + y = 4$



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Algebra Foundations Name_____

Graphing by Intercepts

Date_____ HW#____

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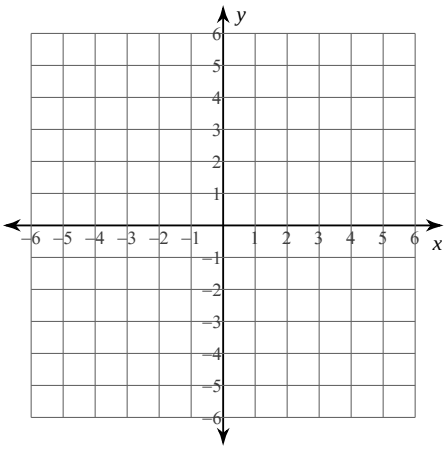
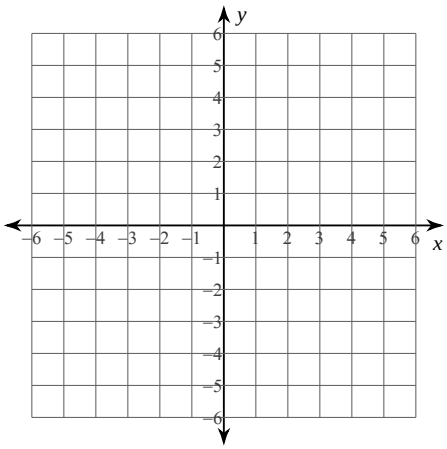
Sketch the graph of each line.

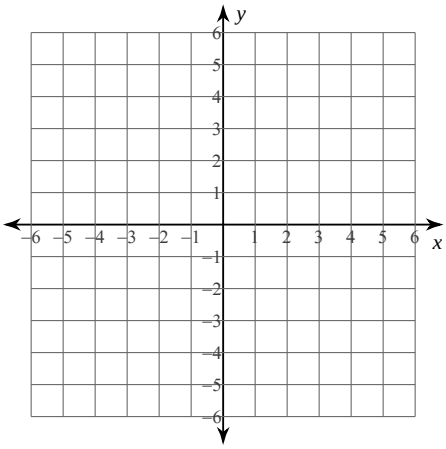
1) $2x - 5y = 5$



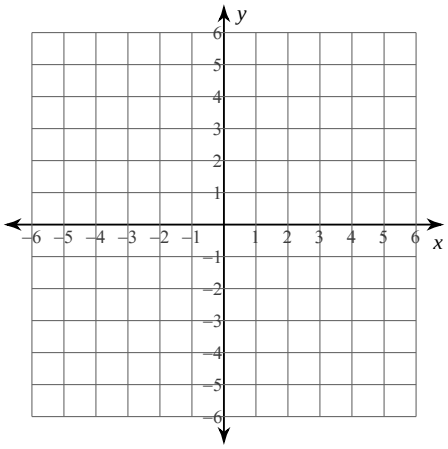
2) $x - 2y = -6$



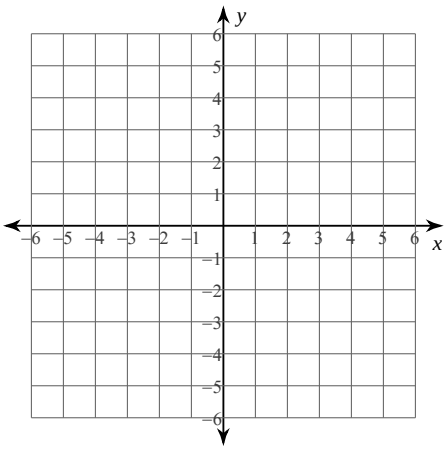
3) $8x + 3y = 12$



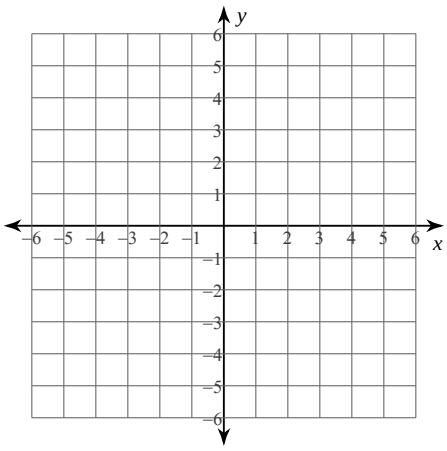
4) $y = -3$



5) $y = 3$



6) $x + y = -2$



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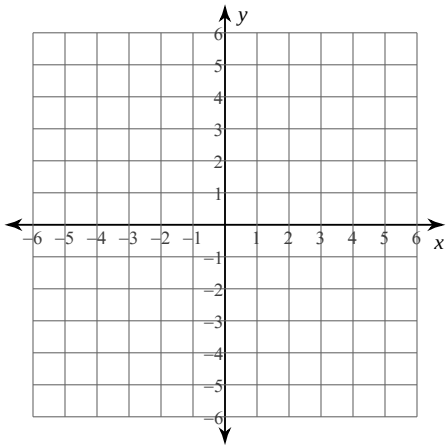
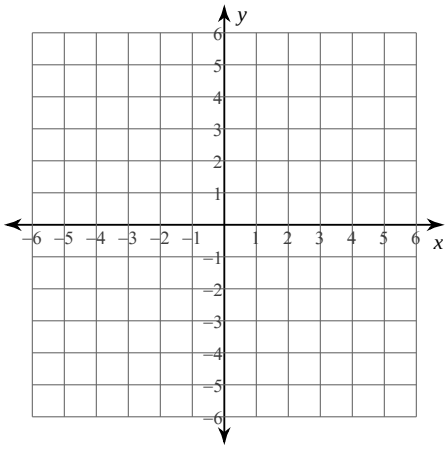
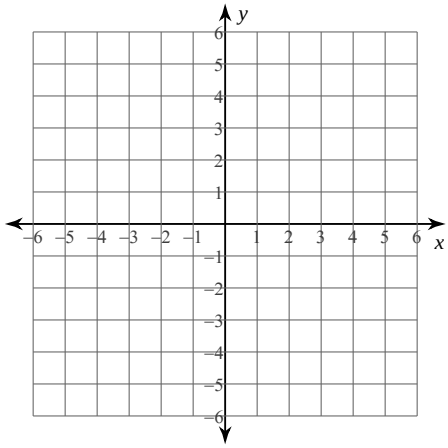
7) $x = -2$



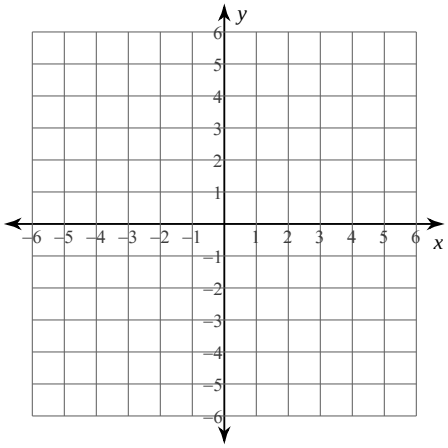
8) $x + 2y = 2$



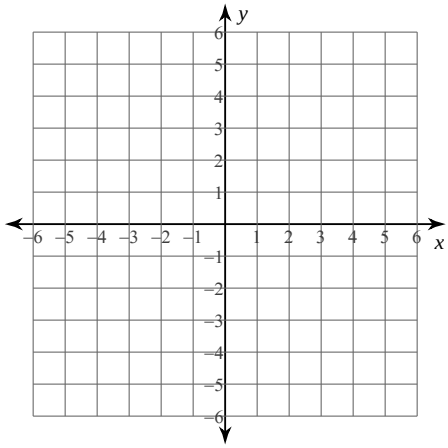
9) $8x - y = 5$



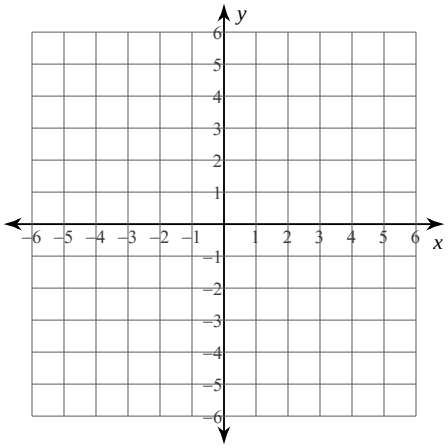
10) $x - y = 4$



11) $x + 2y = 10$



12) $x = -4$



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Algebra Foundations Name_____

Graphing by Intercepts

Date_____ HW#____

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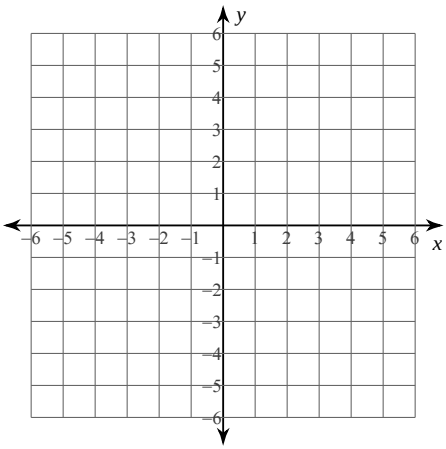
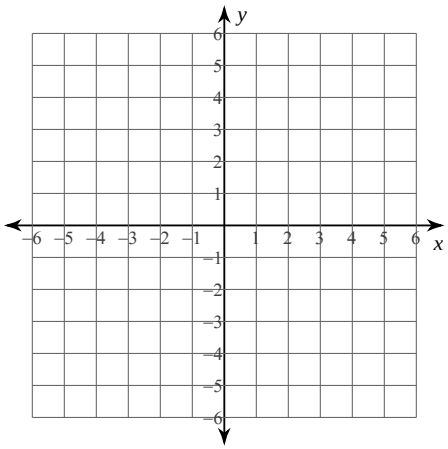
Sketch the graph of each line.

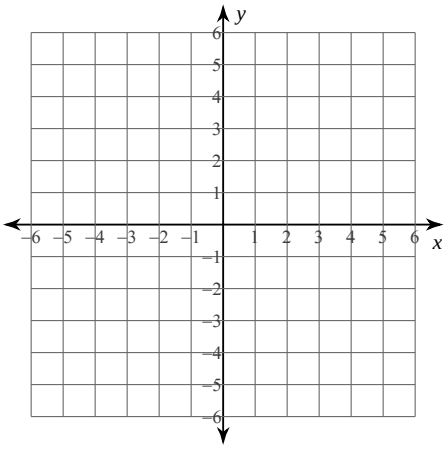
1) $2x + 5y = 10$



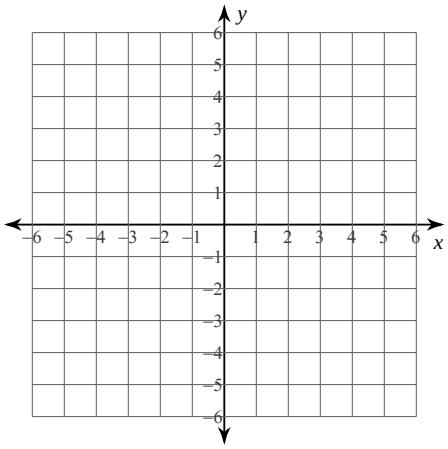
2) $7x - 5y = 25$



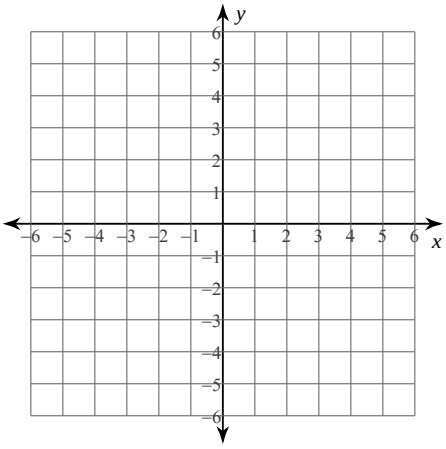
3) $x - y = 0$



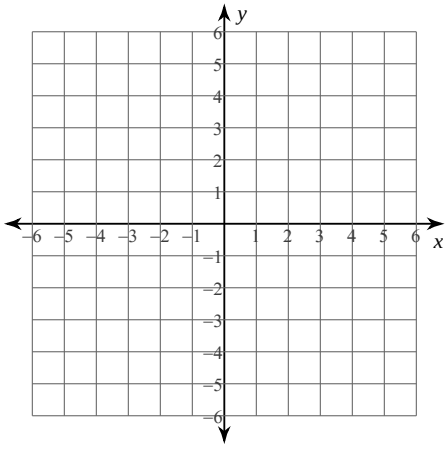
4) $3x + y = 3$



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



6) $7x - 4y = 8$



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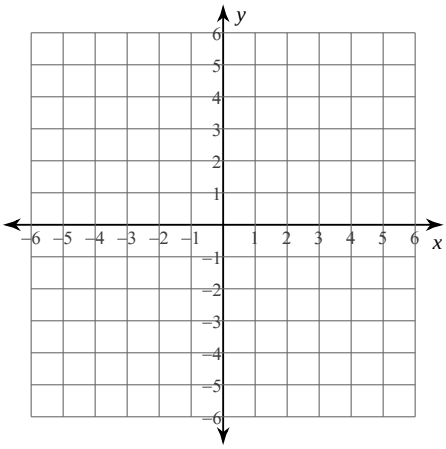
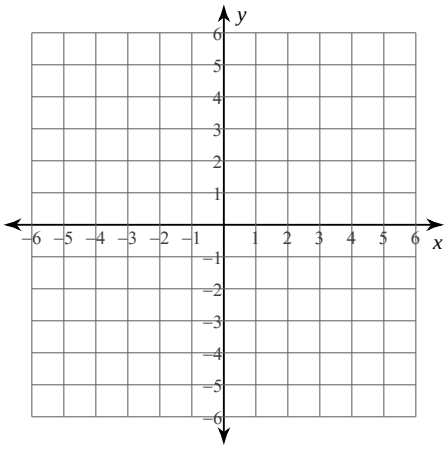
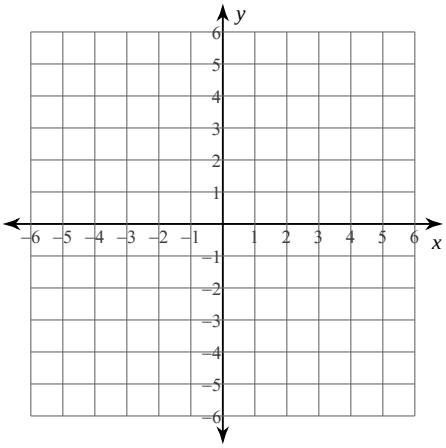
7) $7x + 4y = 12$



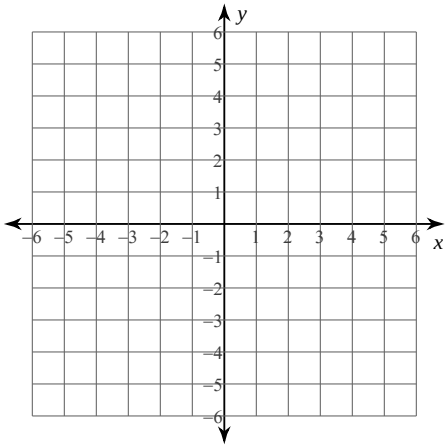
8) $x - y = -5$



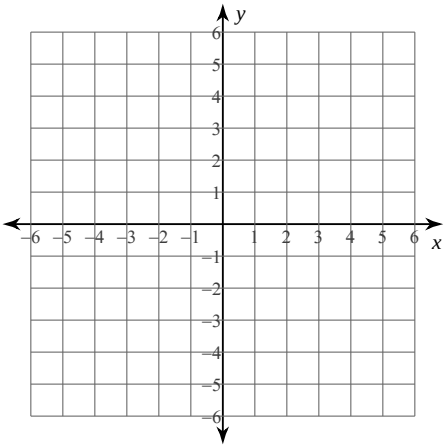
9) $4x - y = -5$



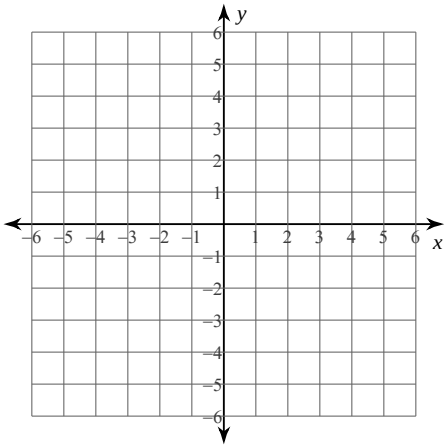
10) $x - 2y = 0$



11) $x + 5y = -15$



12) $x + y = -1$



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Algebra Foundations Name_____

Graphing by Intercepts

Date_____ HW#____

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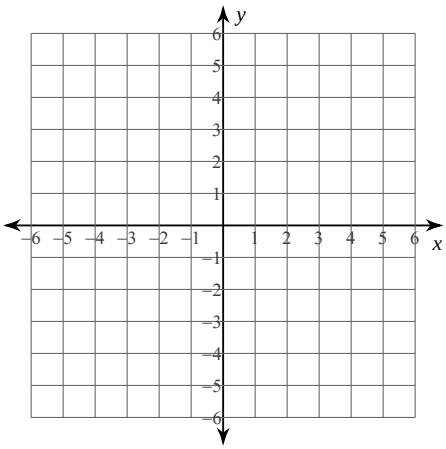
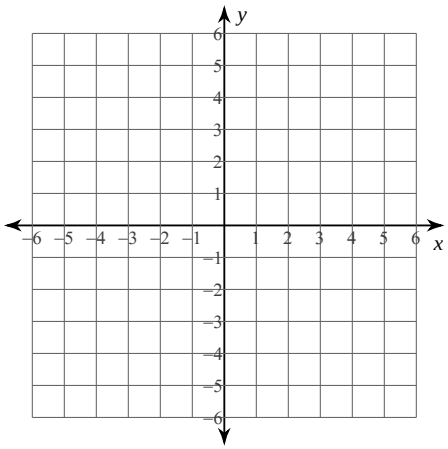
Sketch the graph of each line.

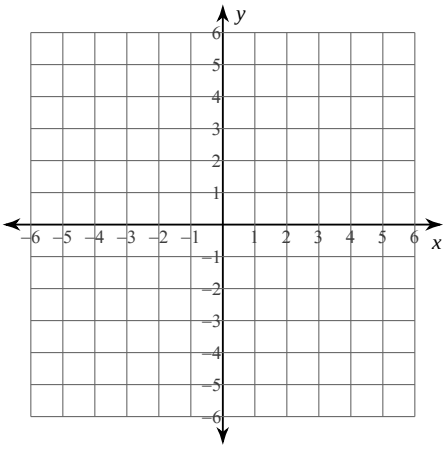
1) $3x - 4y = 8$



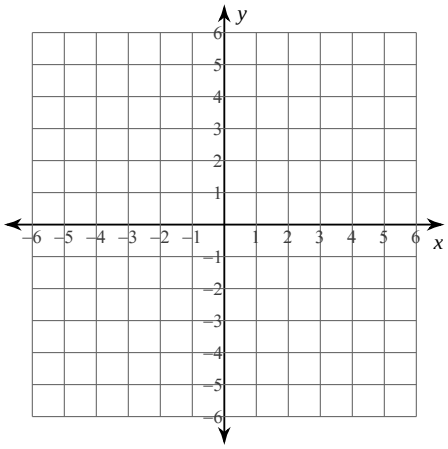
2) $x + 3y = 15$



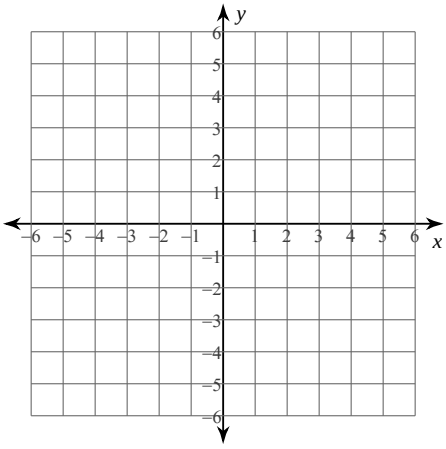
3) $2x + y = -1$



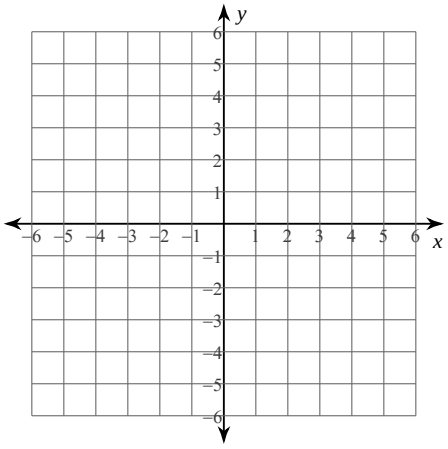
4) $x - y = 3$



5) $3x - 2y = 10$



6) $9x - 5y = -20$



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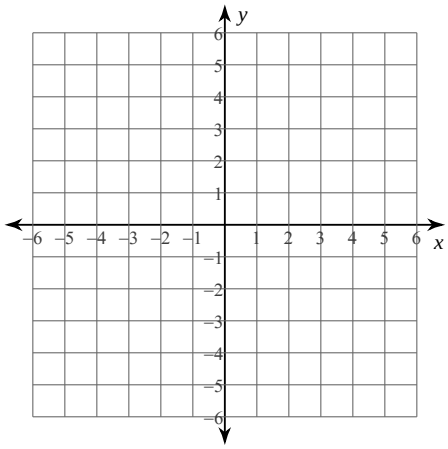
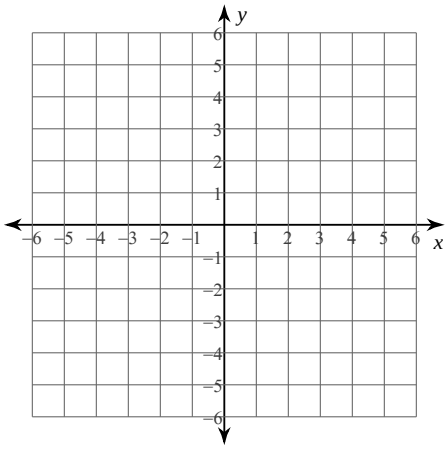
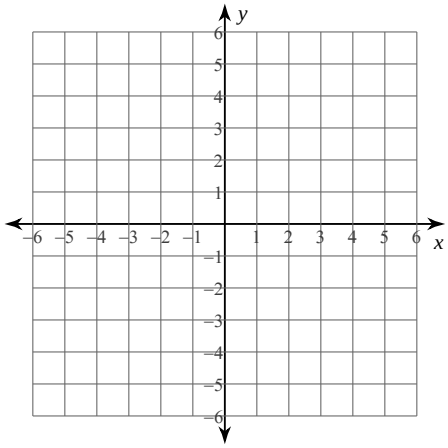
7) $2x + 5y = -5$



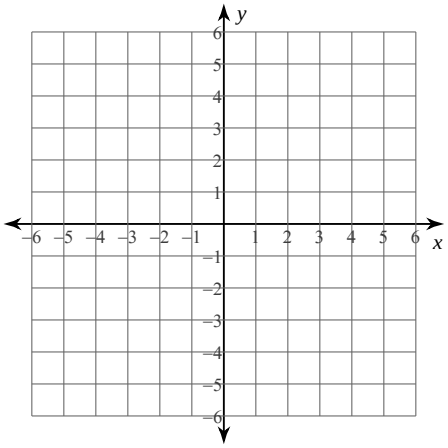
8) $x + y = 4$



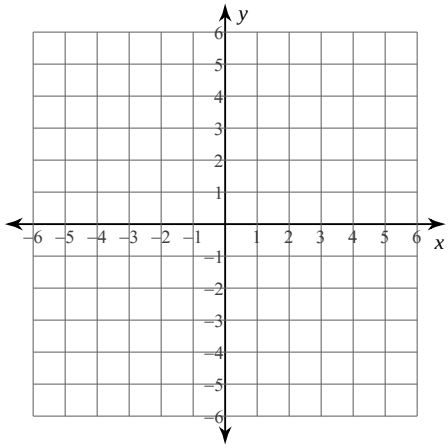
9) $x - y = -2$



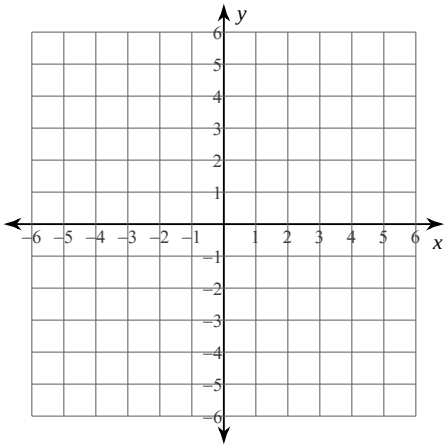
10) $x + y = -3$



11) $3x + y = 0$



12) $2x - y = -2$



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Graphing by Intercepts

Date_____ HW#____

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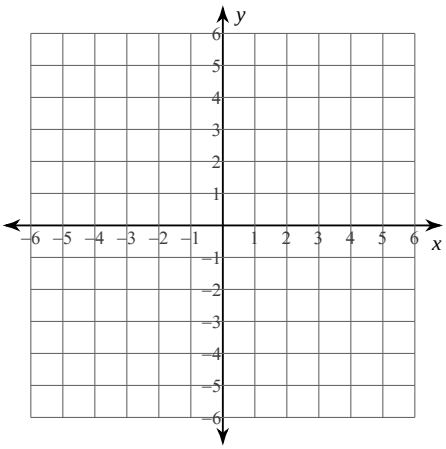
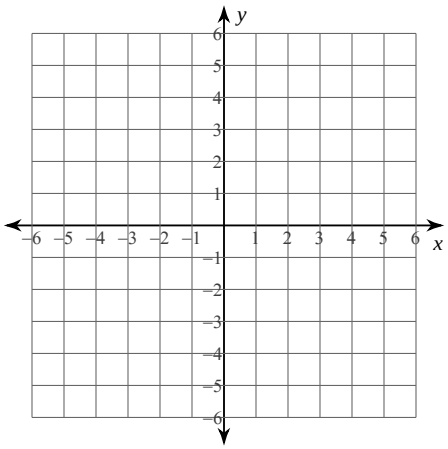
Sketch the graph of each line.

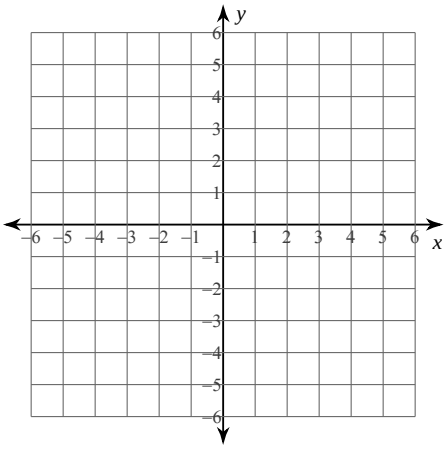
1) $7x - 3y = -12$



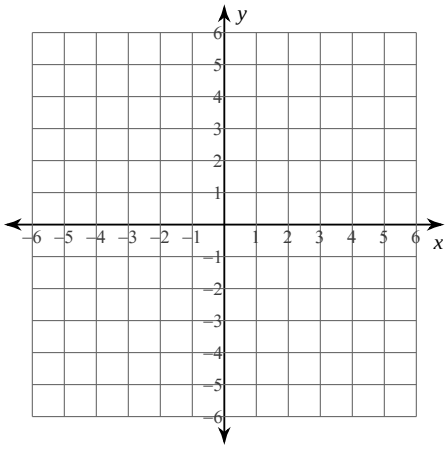
2) $x = -4$



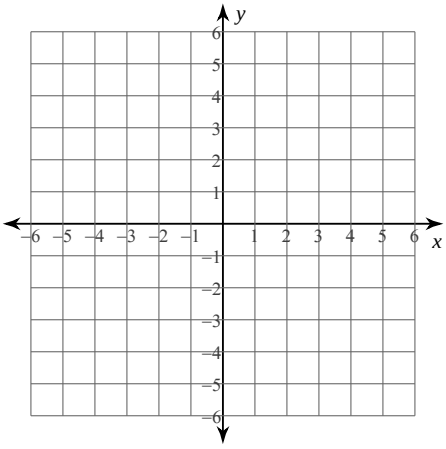
3) $3x - 4y = 20$



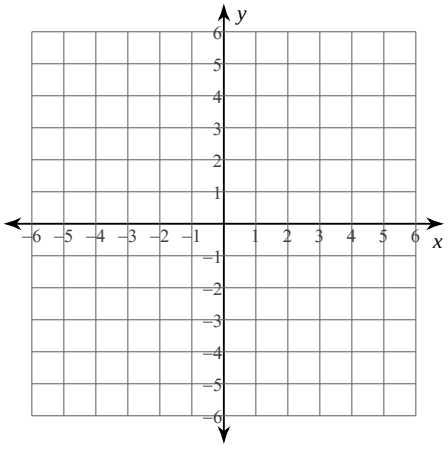
4) $2x + y = 3$



5) $y = -4$



6) $x + 4y = -8$



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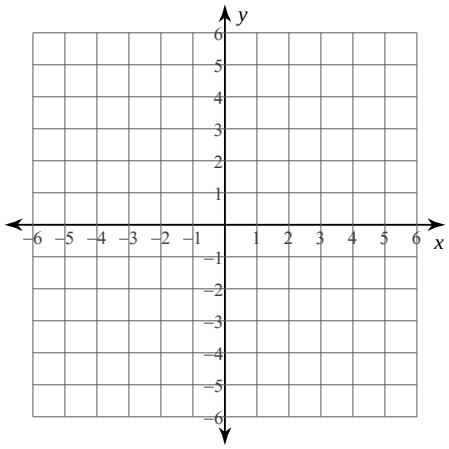
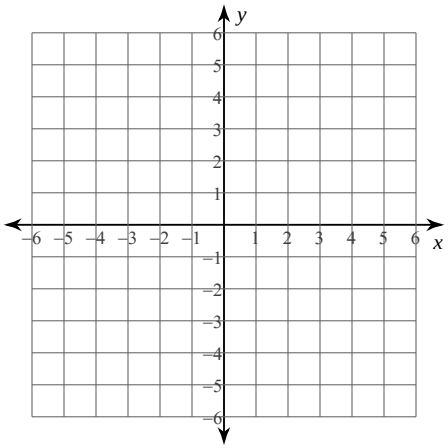
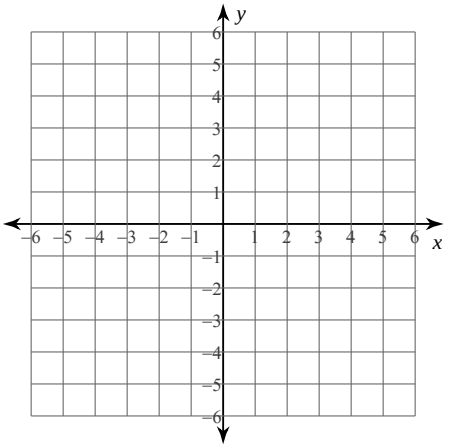
7) $y = -3$



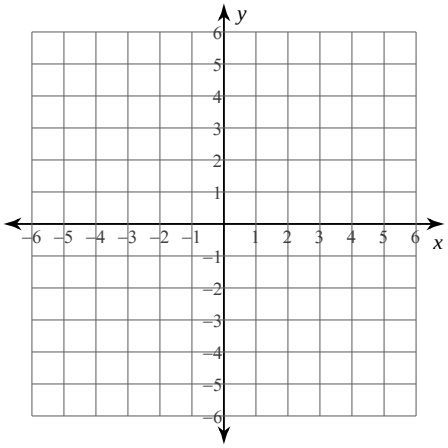
8) $x = -5$



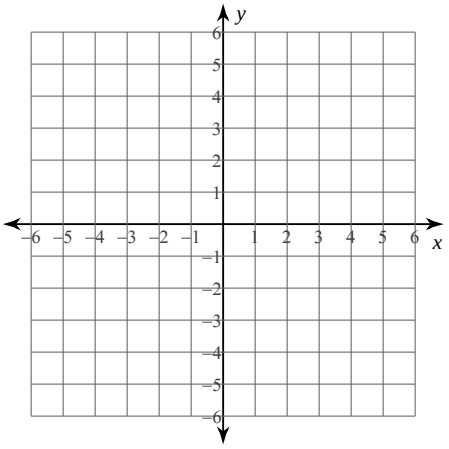
9) $x - y = 3$



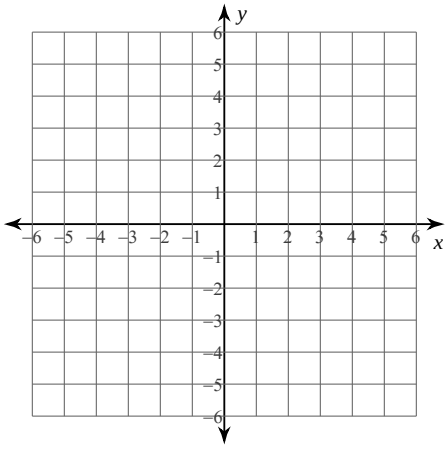
10) $y = -1$



11) $x + 3y = 3$



12) $6x + y = 3$



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Algebra Foundations Name_____

Graphing by Intercepts

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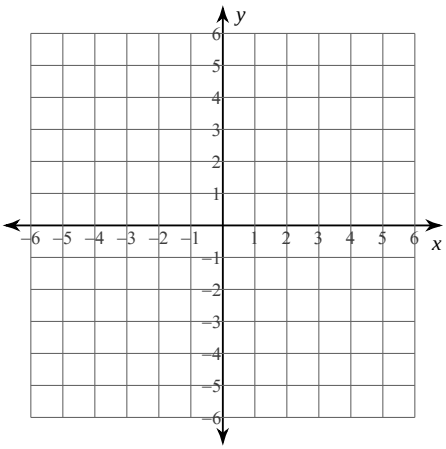
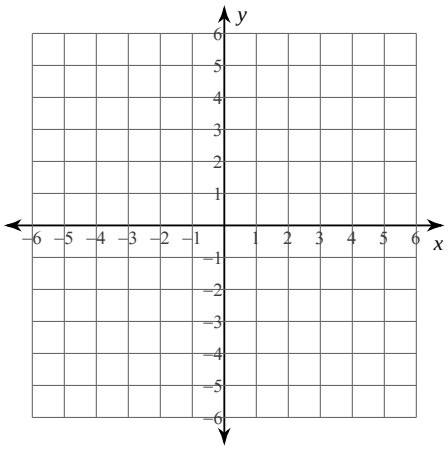
Sketch the graph of each line.

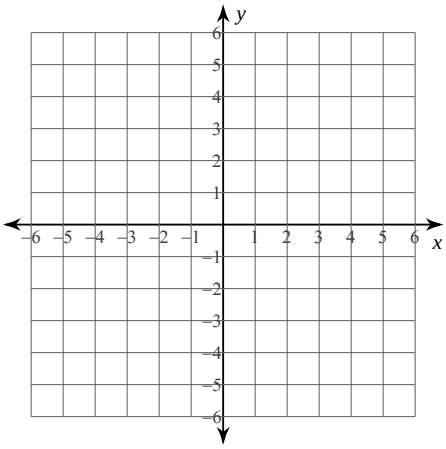
1) $7x + y = -4$



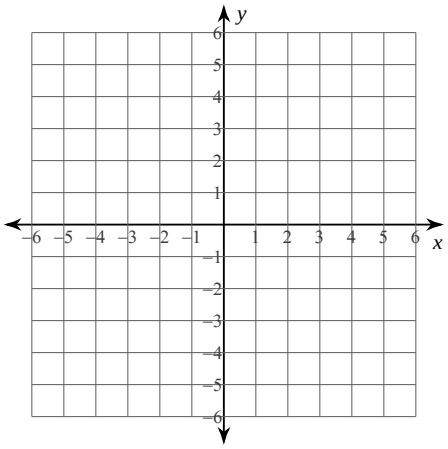
2) $5x - 2y = 0$



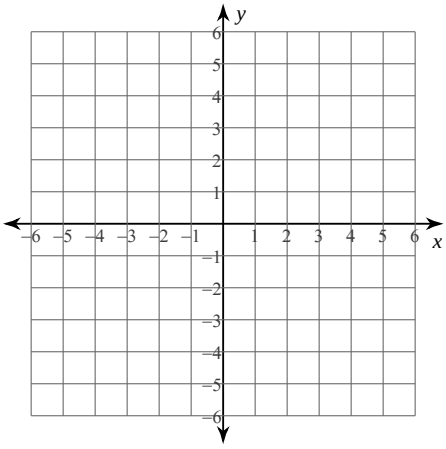
3) $4x + y = 0$



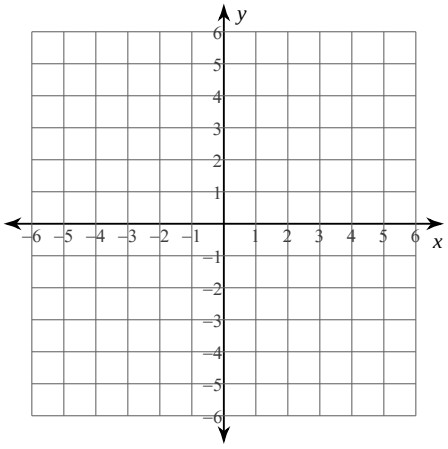
4) $x + y = -2$



5) $7x + y = 2$



6) $x + 4y = -12$



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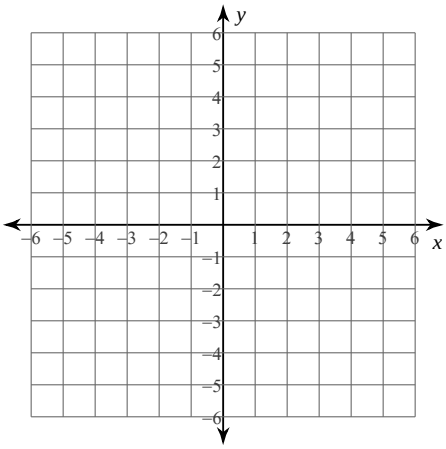
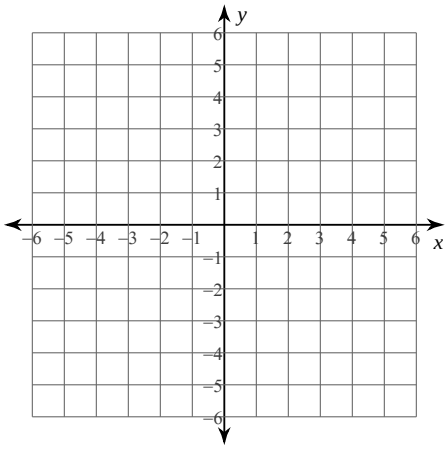
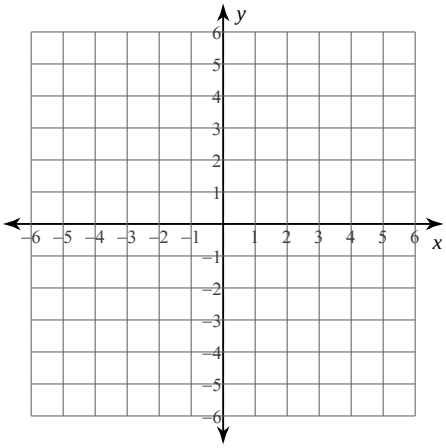
7) $2x + y = 1$



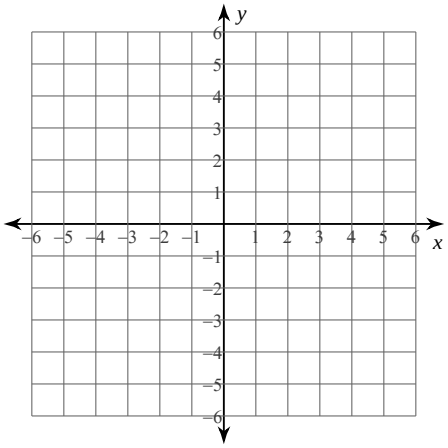
8) $10x + y = 5$



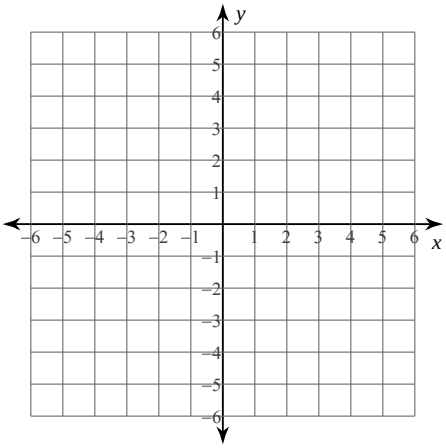
9) $7x - 2y = 10$



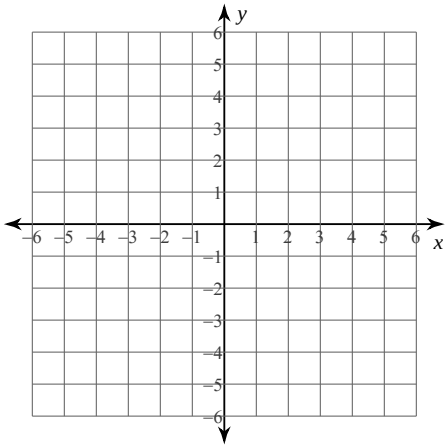
10) $x - 4y = -12$



11) $4x + y = -4$



12) $8x + 5y = 15$



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Graphing by Intercepts

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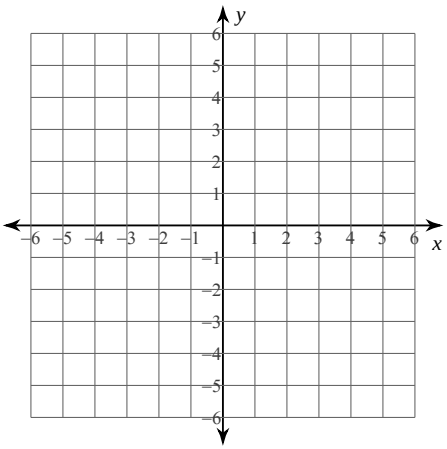
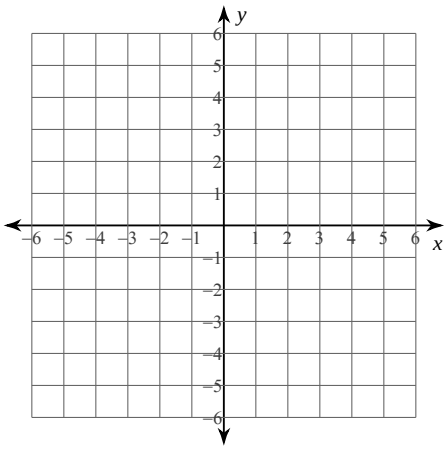
Sketch the graph of each line.

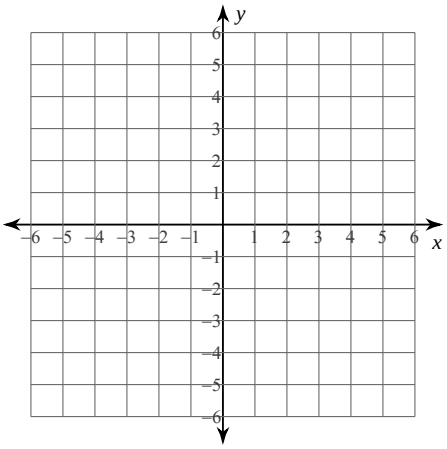
1) $y = -4$



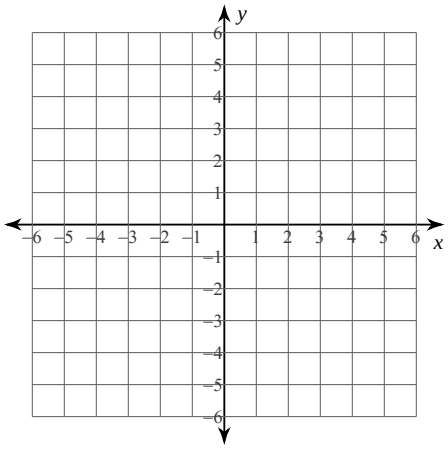
2) $3x + 2y = -2$



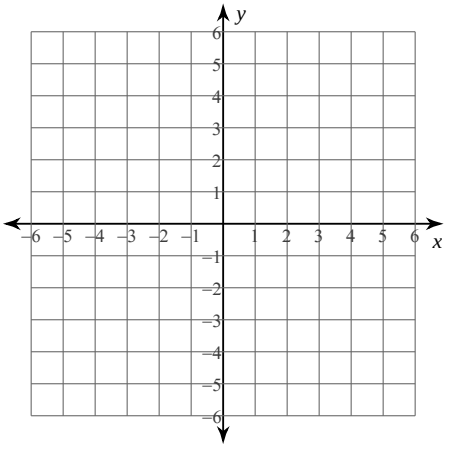
3) $y = -5$



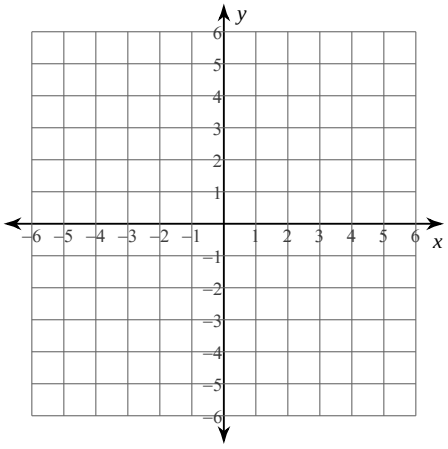
4) $4x - 3y = 9$



5) $x + y = 2$



6) $x - 2y = -2$



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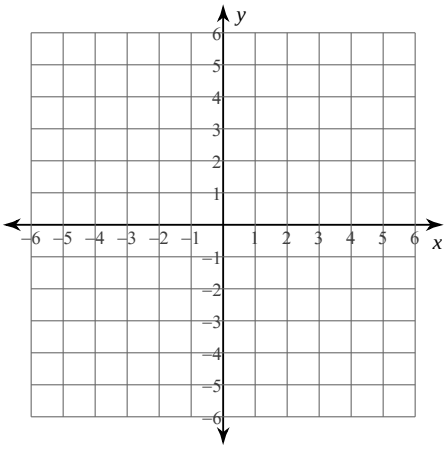
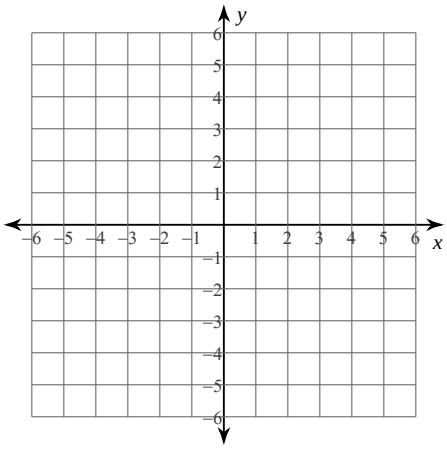
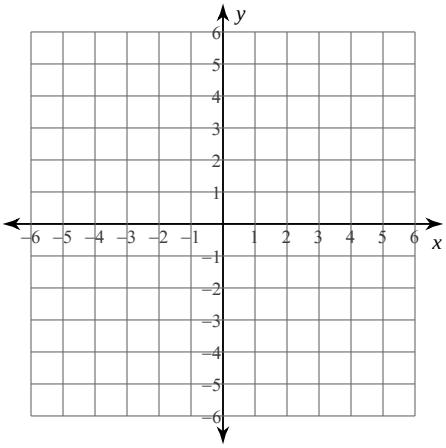
7) $3x - 5y = 0$



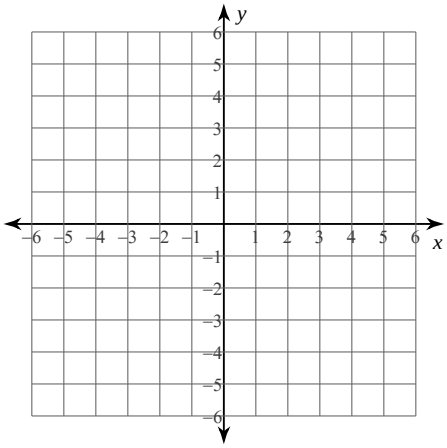
8) $5x - y = -5$



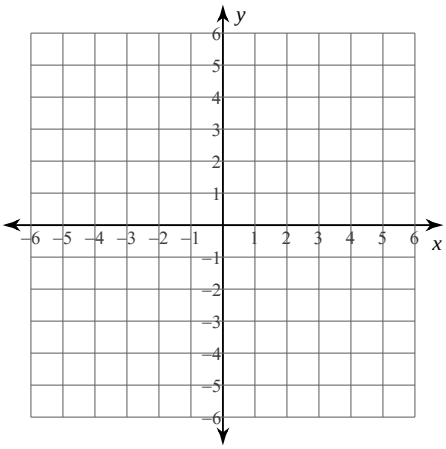
9) $x = -2$



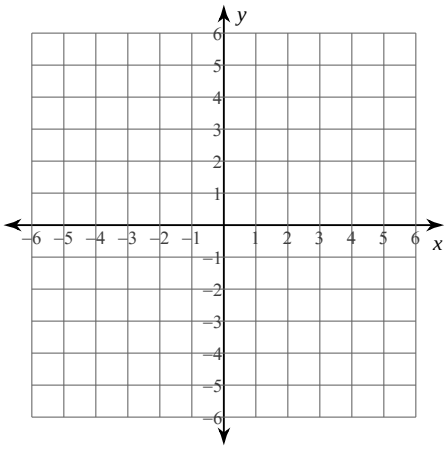
10) $x - 2y = -4$



11) $y = -2$



12) $x + y = -5$



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Graphing by Intercepts

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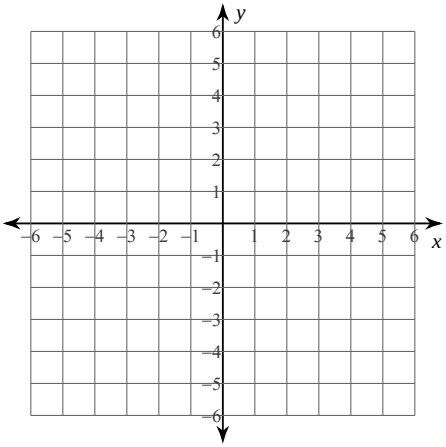
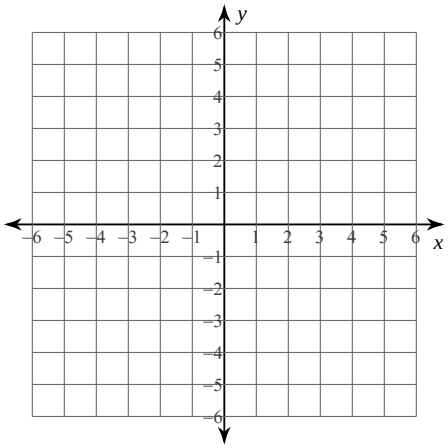
Sketch the graph of each line.

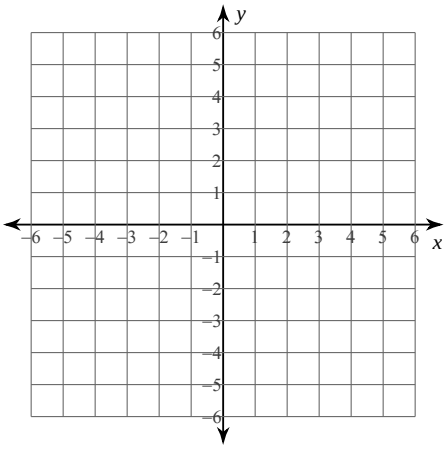
1) $3x + 2y = -10$



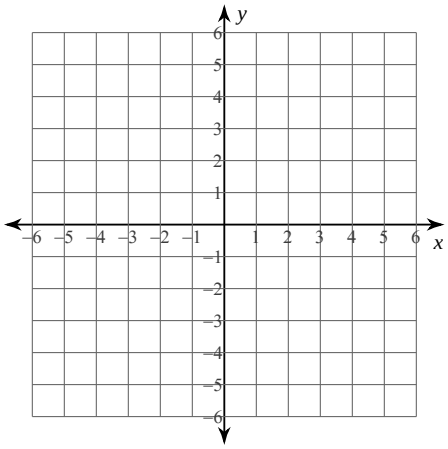
2) $2x + 5y = 15$



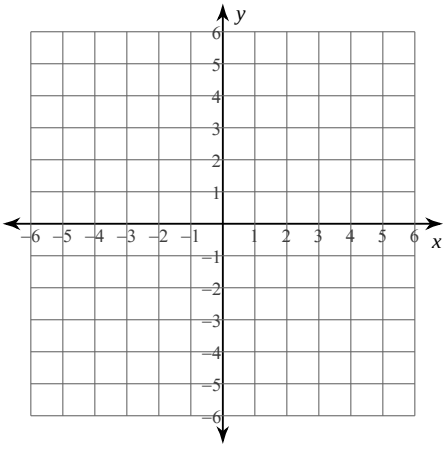
3) $4x + 3y = 0$



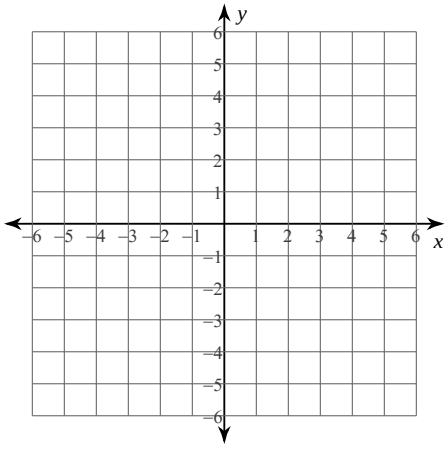
4) $8x - 5y = 20$



5) $3x + y = -5$



6) $2x + y = 4$



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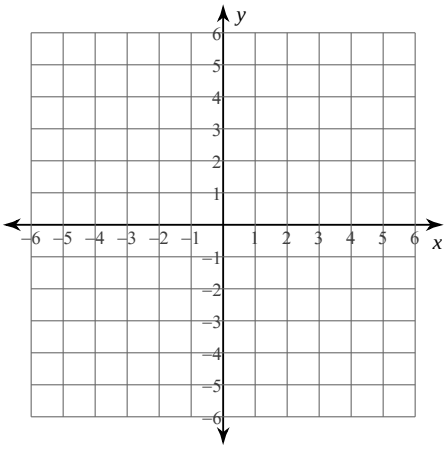
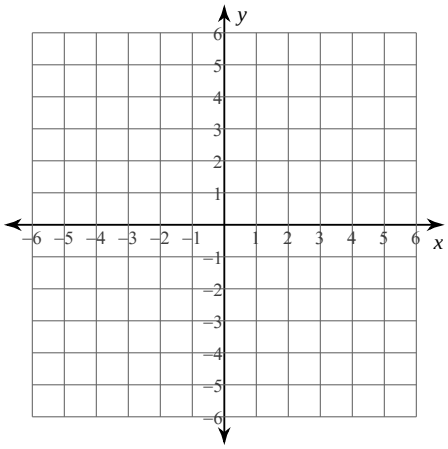
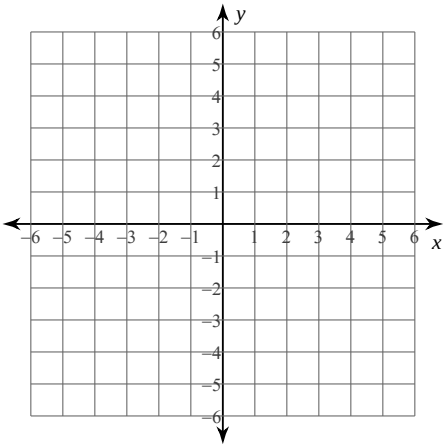
7) $4x + 3y = 3$



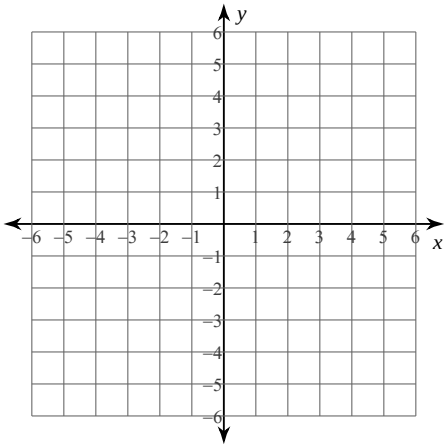
8) $x - 2y = 2$



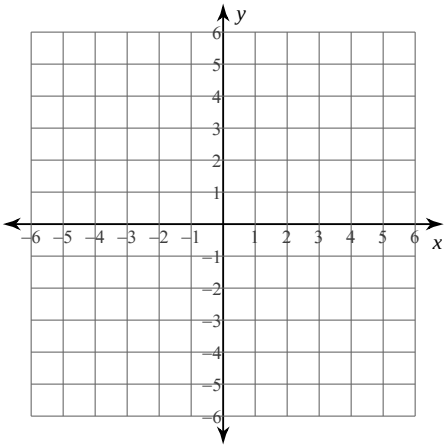
9) $7x - 4y = -16$



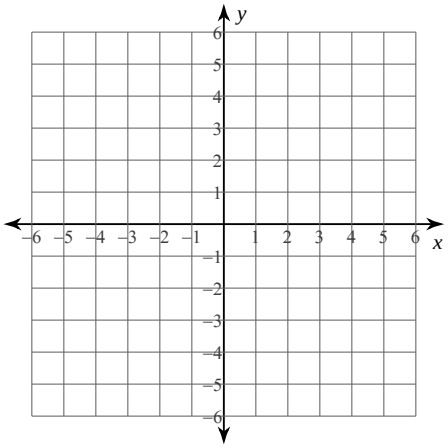
10) $2x + 5y = -10$



11) $7x + 3y = 15$



12) $3x - 4y = -4$



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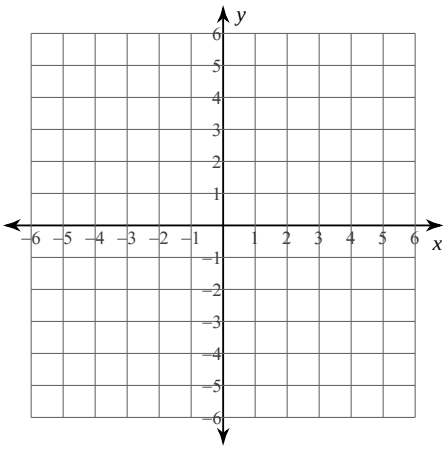
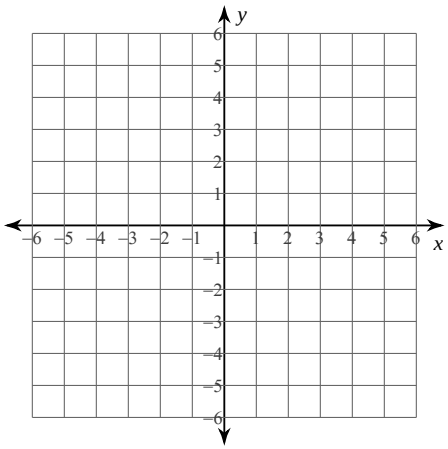
Sketch the graph of each line.

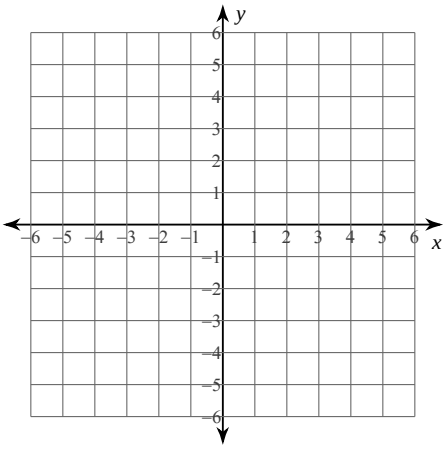
1) $3x + 2y = 2$



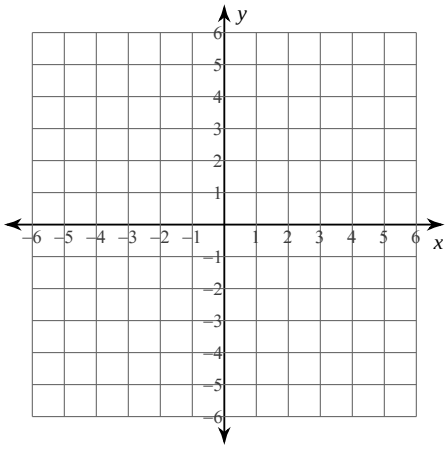
2) $5x + 4y = 0$



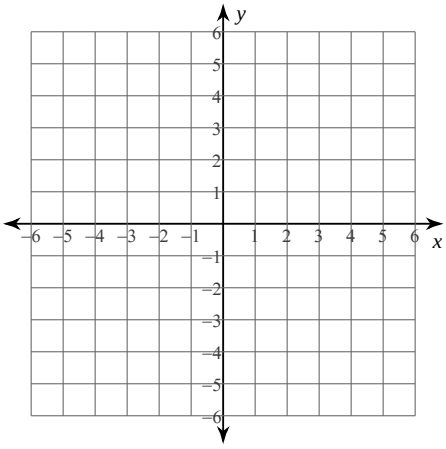
3) $3x - 2y = -6$



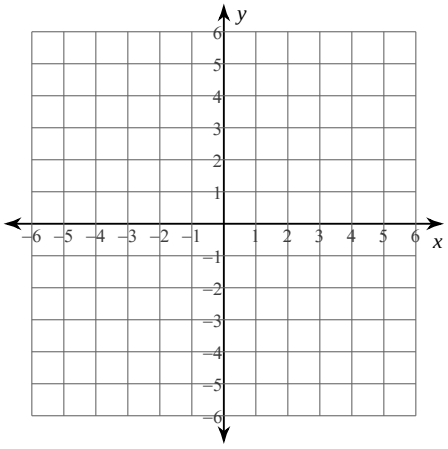
4) $4x + 5y = 25$



5) $x - 3y = 12$



6) $x + y = -1$



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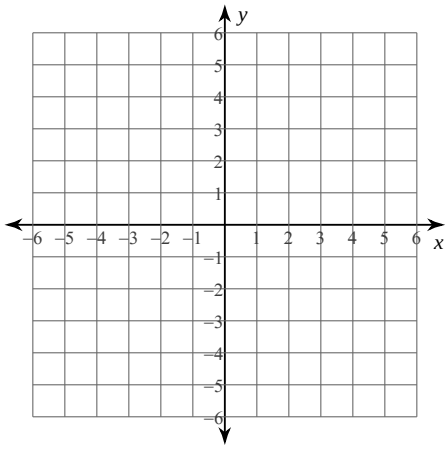
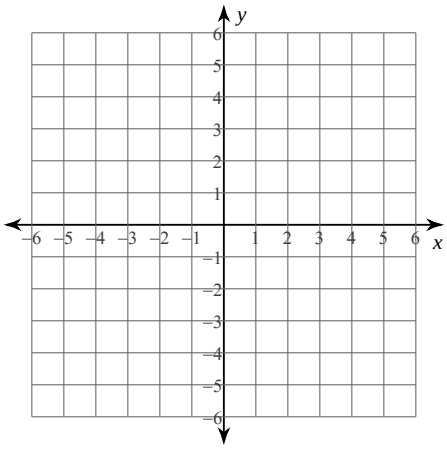
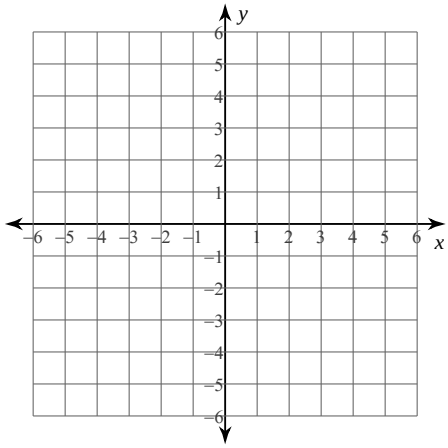
7) $2x + 5y = -10$



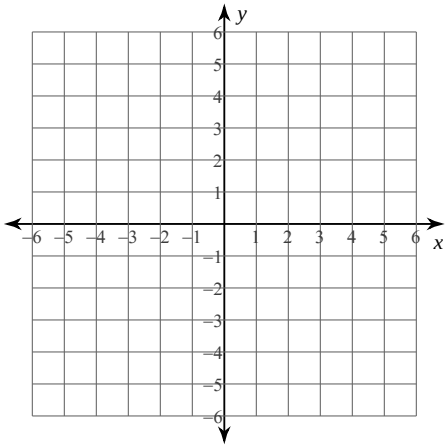
8) $8x - 5y = -25$



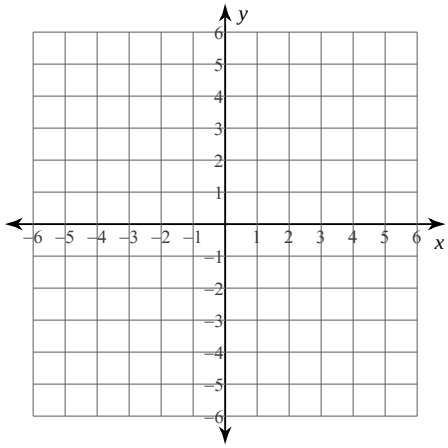
9) $2x + y = 1$



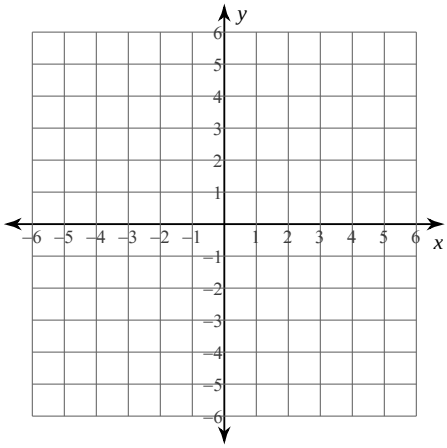
10) $x + 5y = 20$



11) $2x - y = 5$



12) $2x + 5y = 0$



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Algebra Foundations

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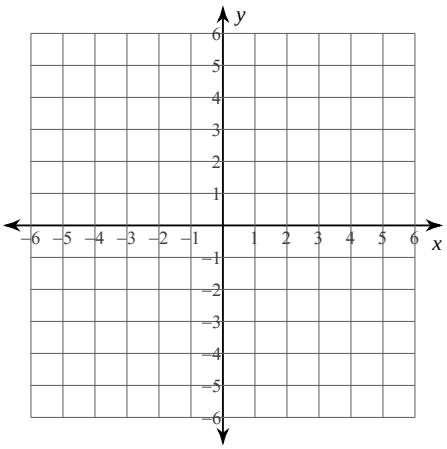
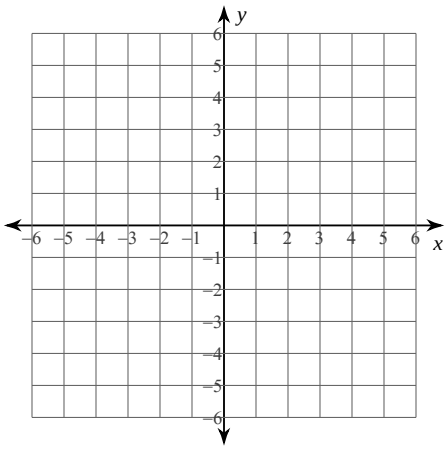
Sketch the graph of each line.

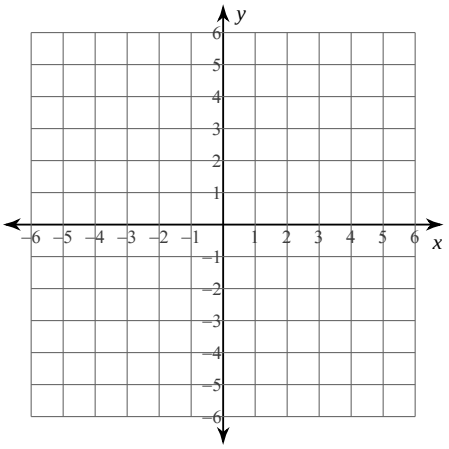
1) $y = -3$



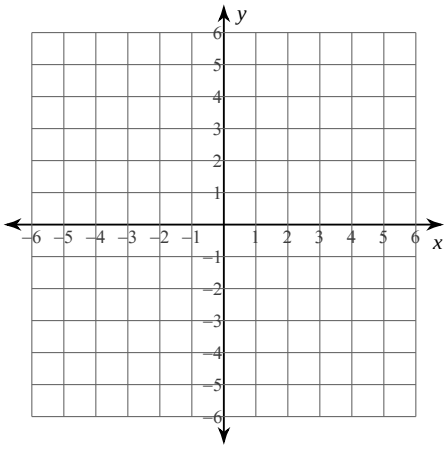
2) $x = -5$



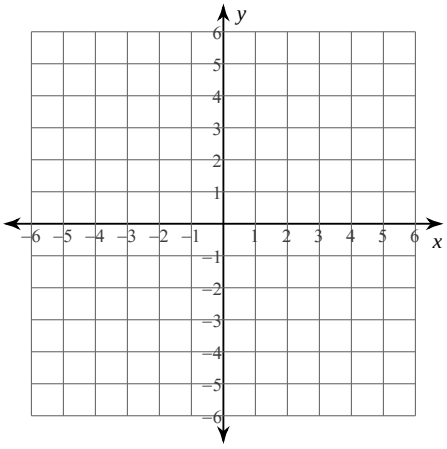
3) $3x - 2y = 0$



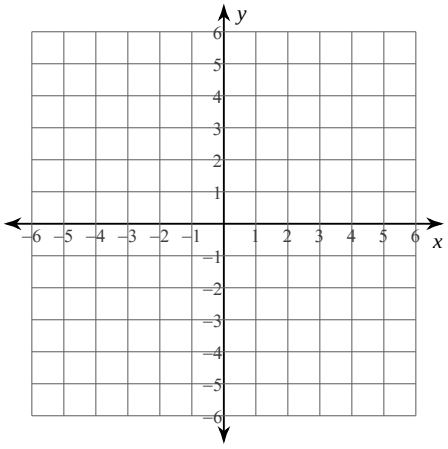
4) $x + y = -2$



5) $y = 3$



6) $2x - y = -5$



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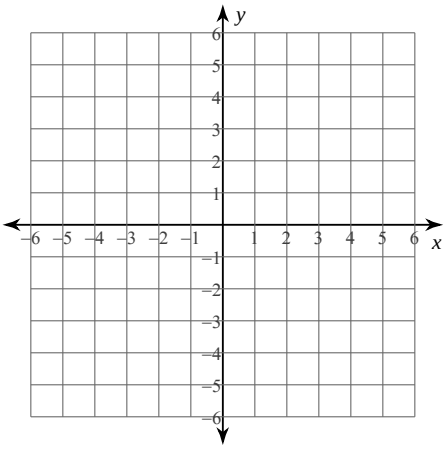
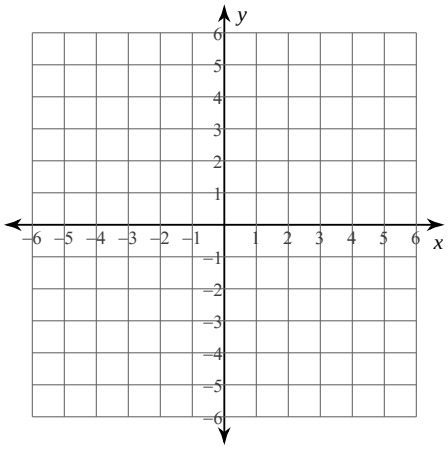
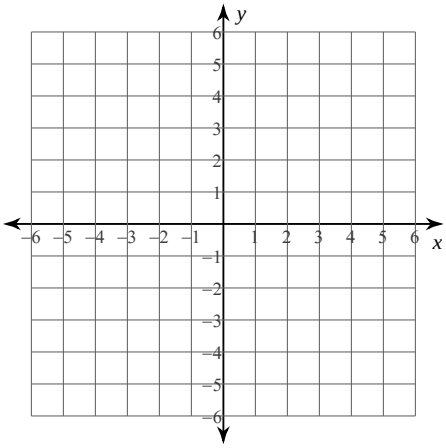
7) $x - y = -2$



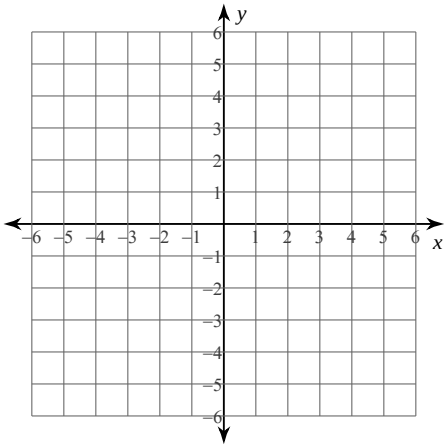
8) $x - y = 1$



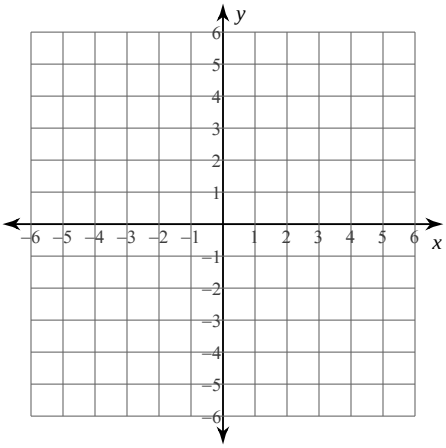
9) $y = 0$



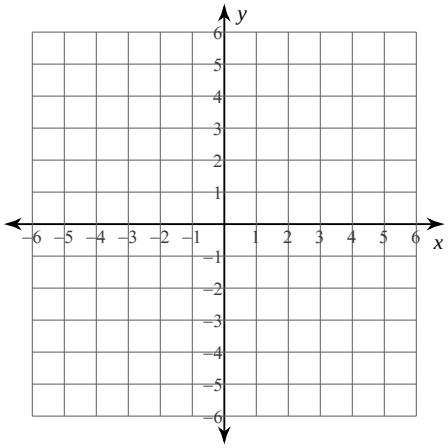
10) $4x + 3y = -6$



11) $x = -2$



12) $5x + y = 4$



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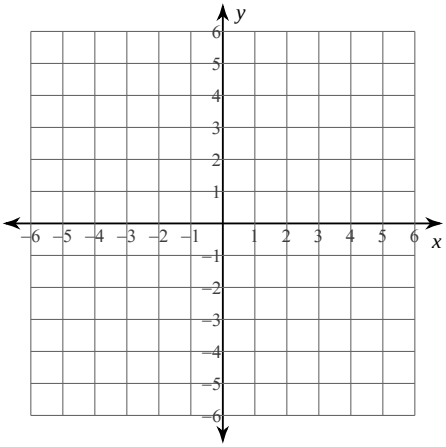
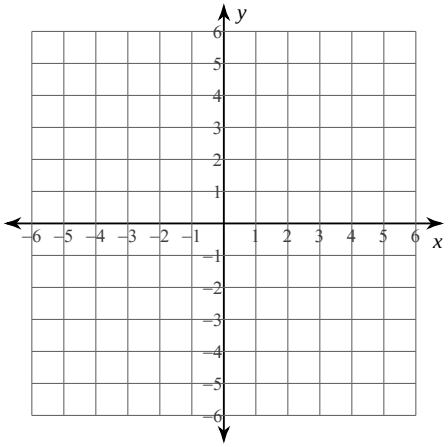
Sketch the graph of each line.

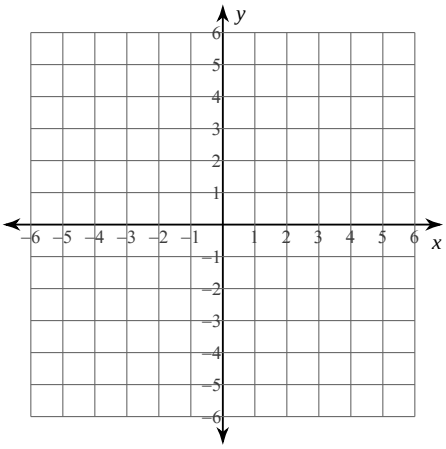
1) $3x - y = -2$



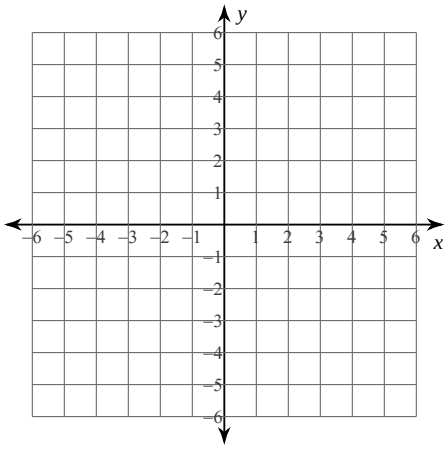
2) $6x + 5y = -5$



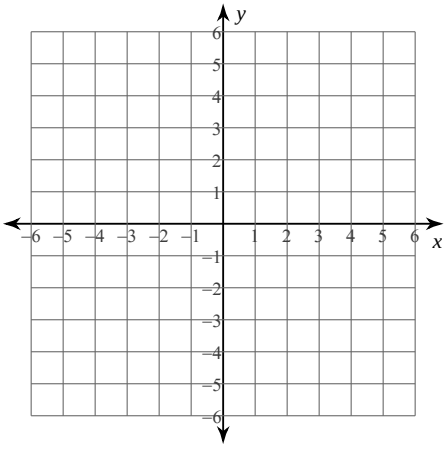
3) $x - 4y = -16$



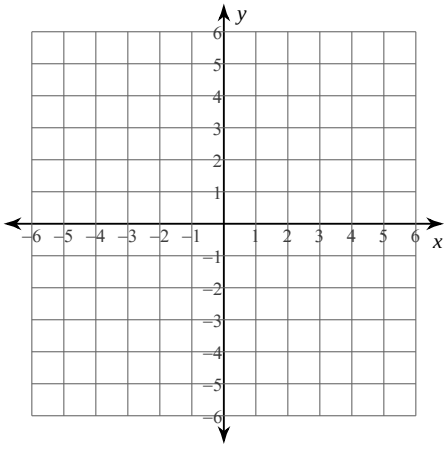
4) $4x - 5y = 20$



5) $x + 3y = 6$



6) $8x + y = -3$



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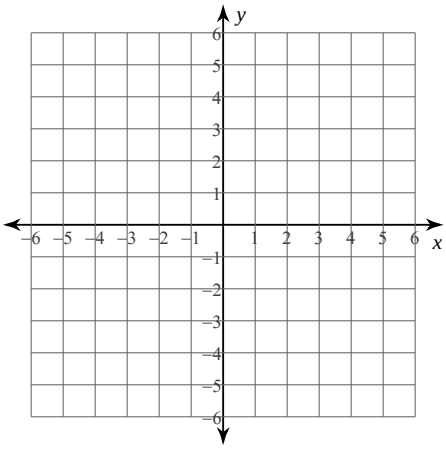
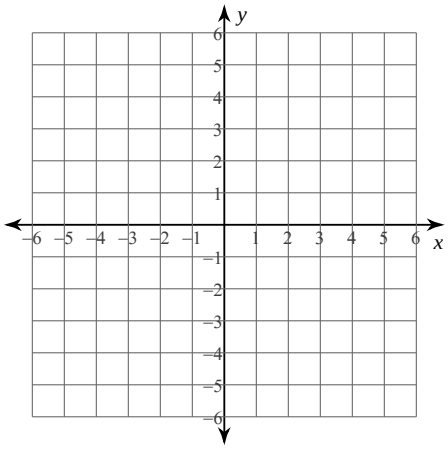
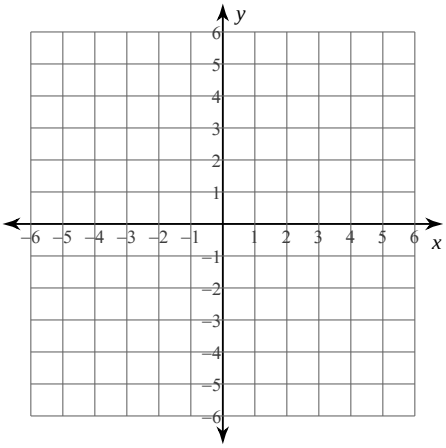
7) $7x + 5y = 20$



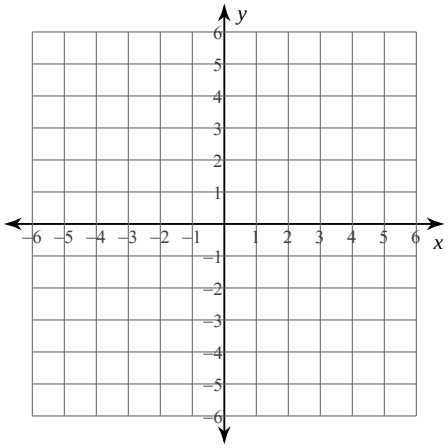
8) $4x - y = 4$



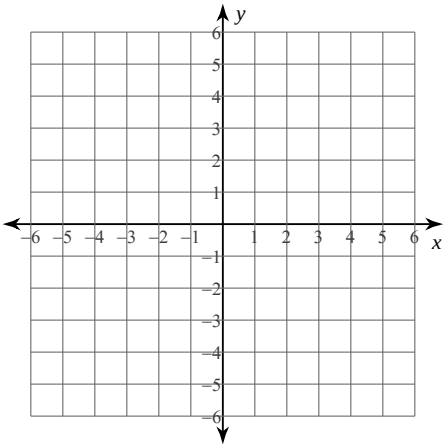
9) $x + 2y = -2$



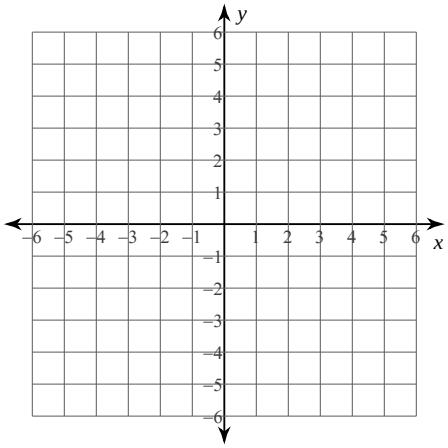
10) $2x - y = 2$



11) $x - y = -3$



12) $5x + 2y = 2$



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Algebra Foundations Name_____

Graphing by Intercepts

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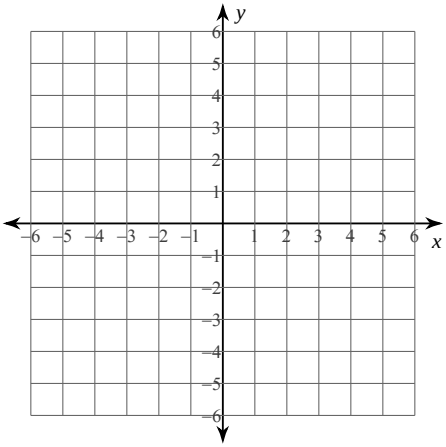
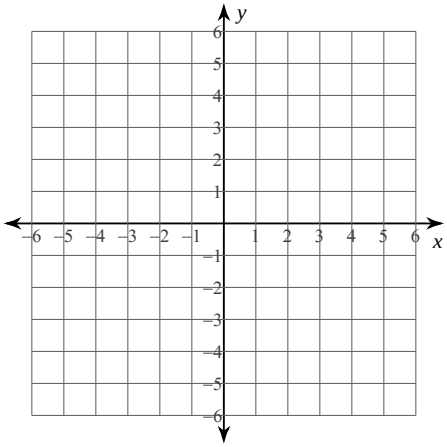
Sketch the graph of each line.

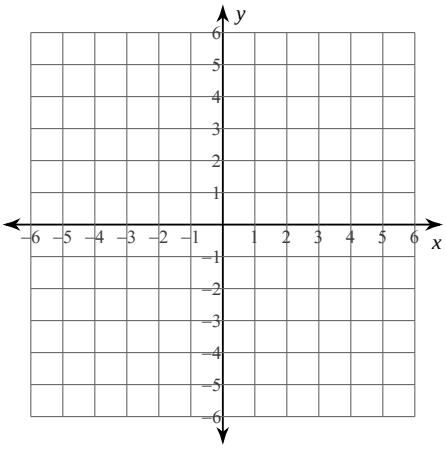
1) $2x - 3y = -6$



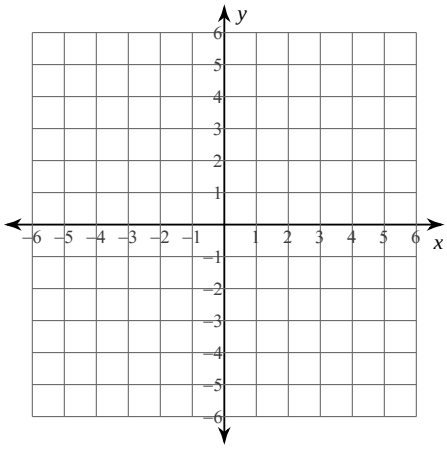
2) $3x + y = -2$



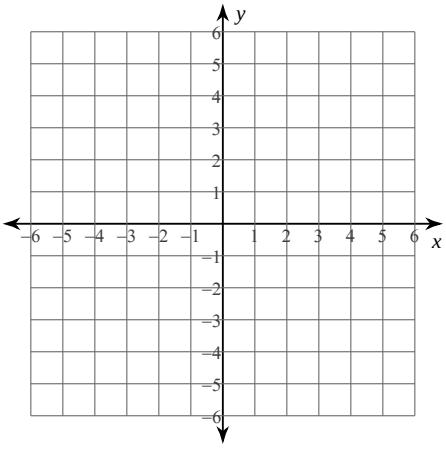
3) $7x + y = -5$



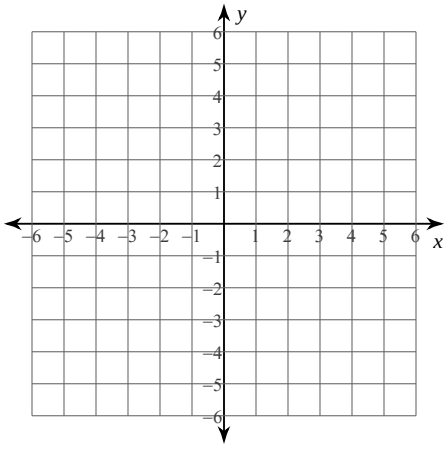
4) $5x - 3y = 6$



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



6) $x = -5$



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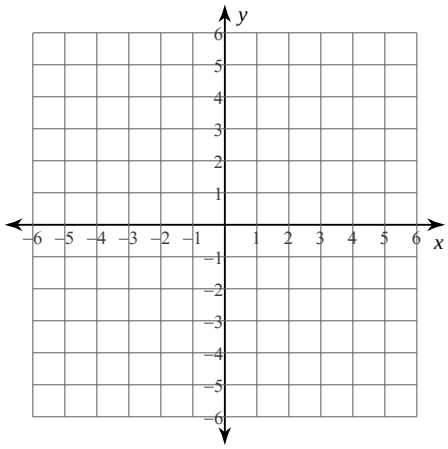
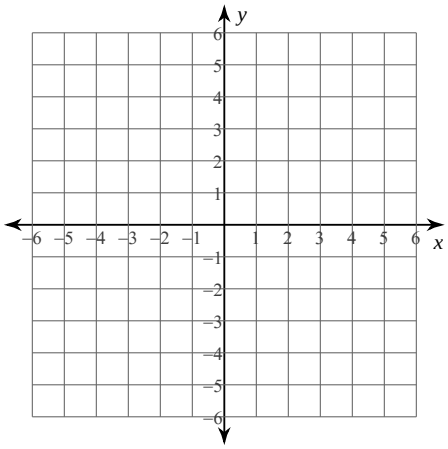
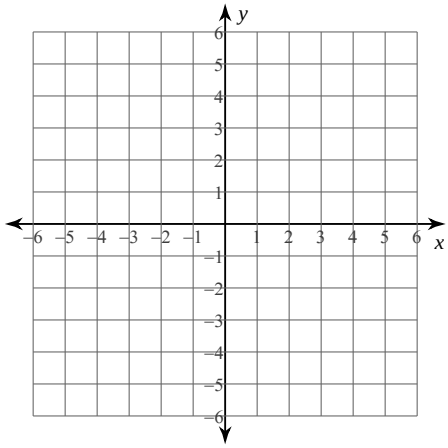
7) $x + 3y = -9$



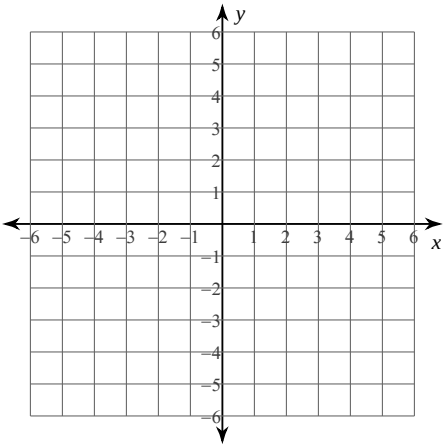
8) $2x - y = 5$



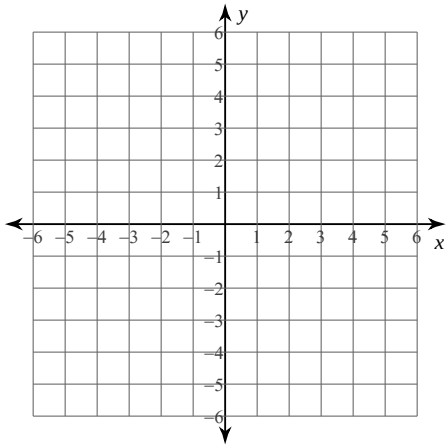
9) $x + y = 1$



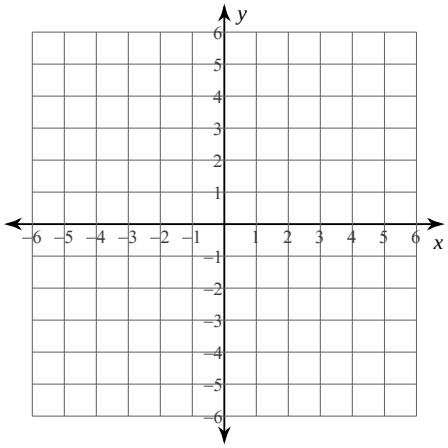
10) $y = 3$



11) $2x + 3y = 9$



12) $x = 4$



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Graphing by Intercepts

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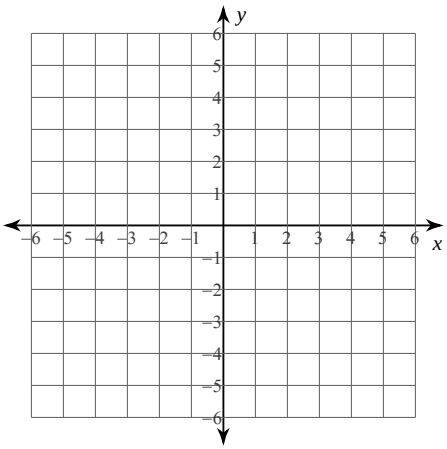
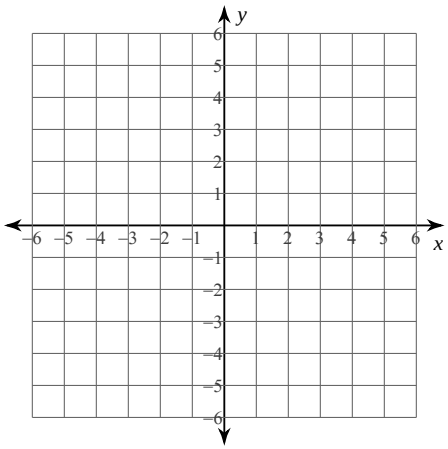
Sketch the graph of each line.

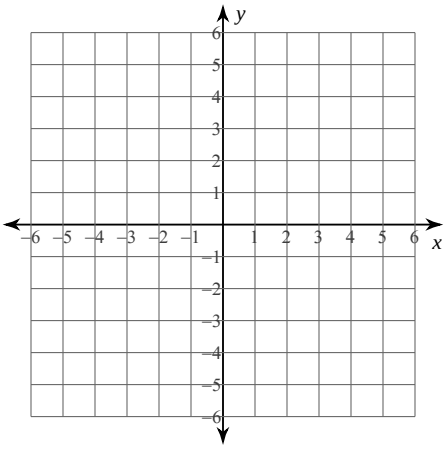
1) $y = 5$



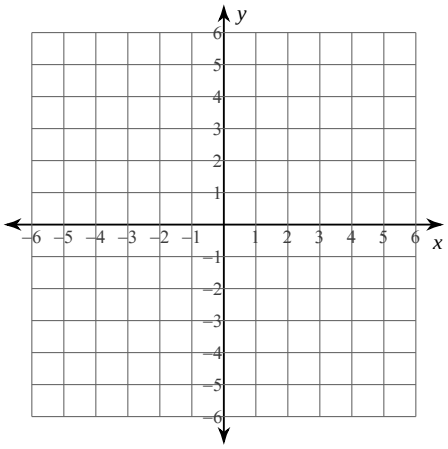
2) $2x - 3y = 3$



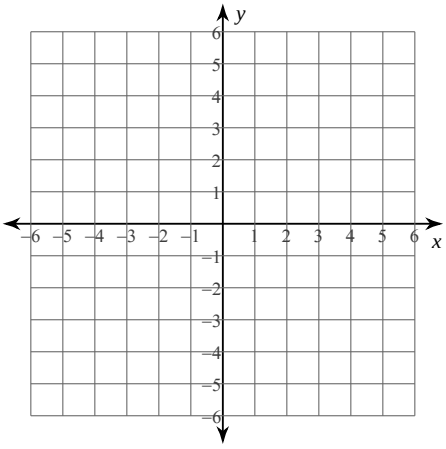
3) $x = -5$



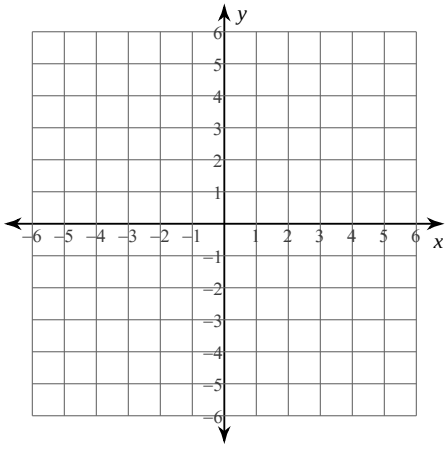
4) $4x + y = -4$



5) $3x - 2y = -10$



6) $x + y = 2$



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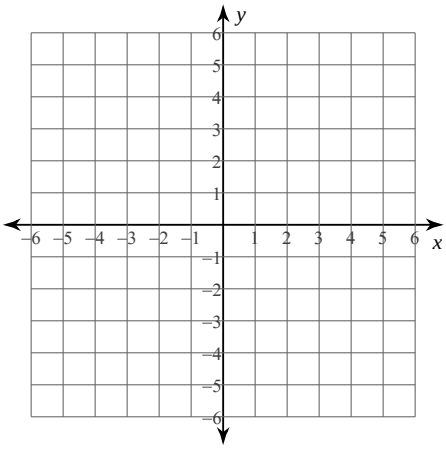
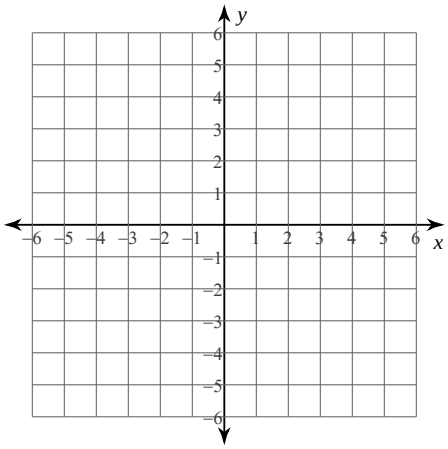
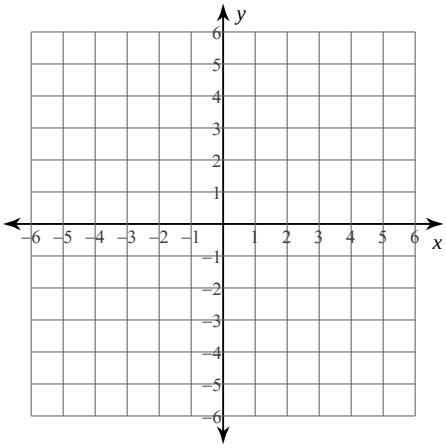
7) $x + 2y = 4$



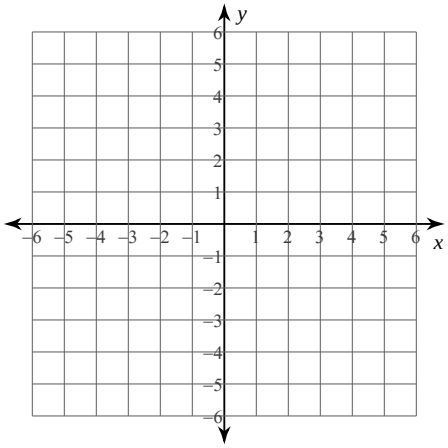
8) $x + y = 1$



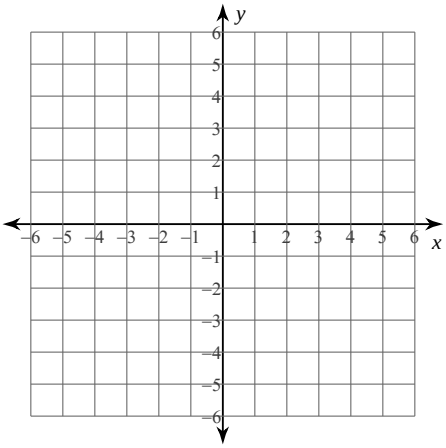
9) $5x - 3y = 15$



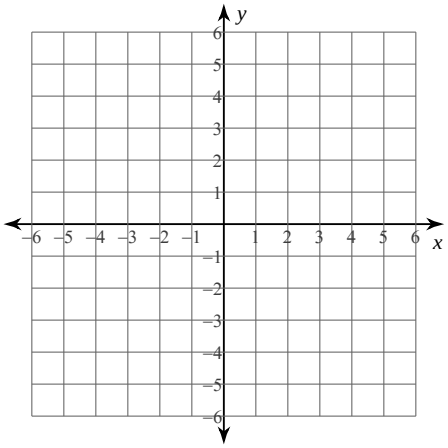
10) $x - y = 0$



11) $x + y = -3$



12) $3x + 5y = -5$



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Algebra Foundations Name_____

Graphing by Intercepts

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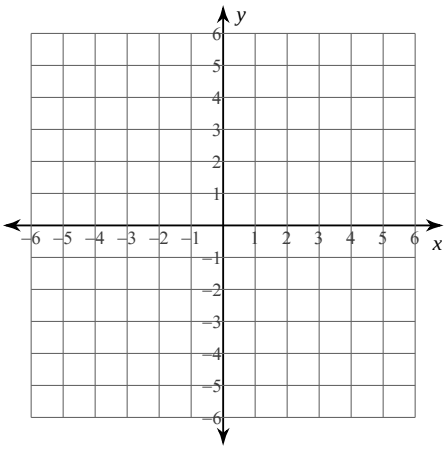
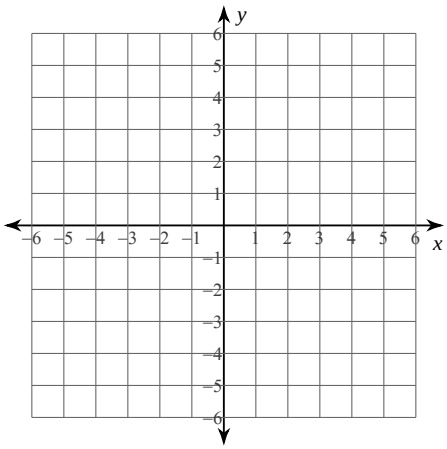
Sketch the graph of each line.

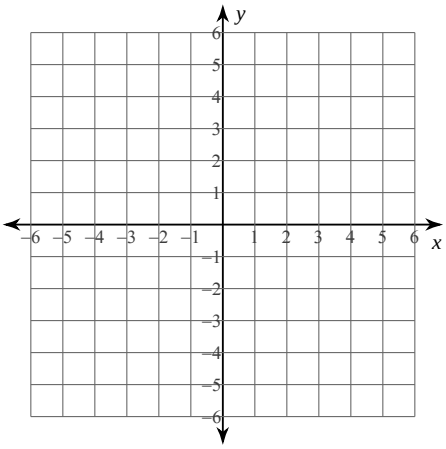
1) $x + y = 5$



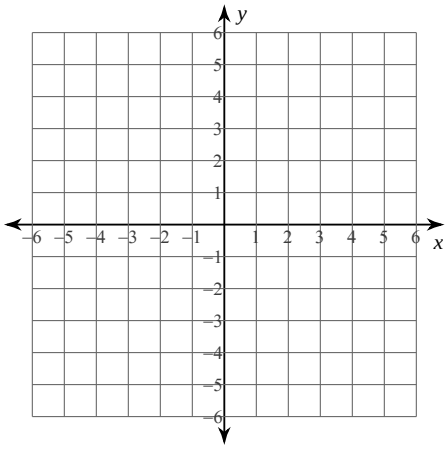
2) $4x + 5y = -25$



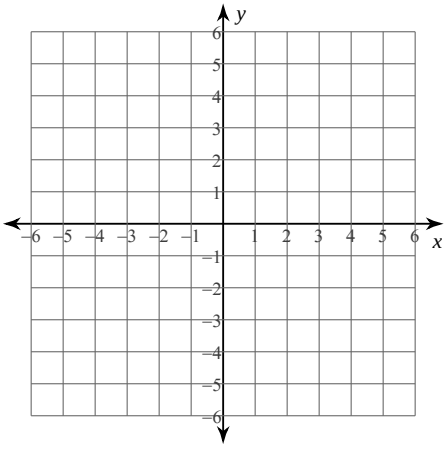
3) $x + y = -1$



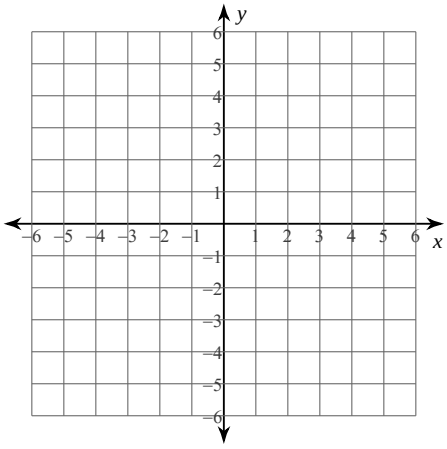
4) $x + 5y = 5$



5) $3x + 2y = 6$



6) $8x + 3y = -12$



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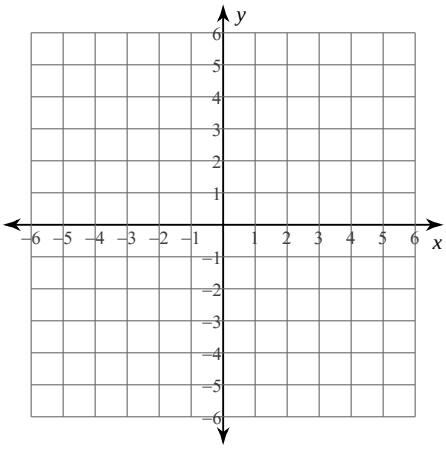
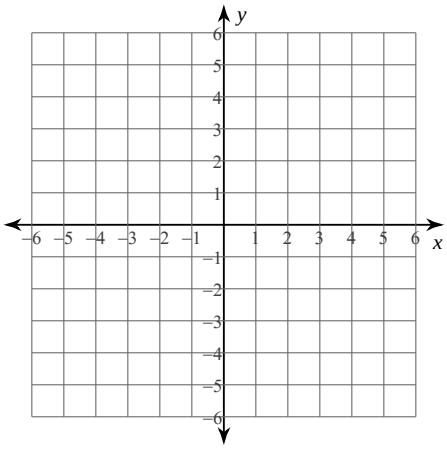
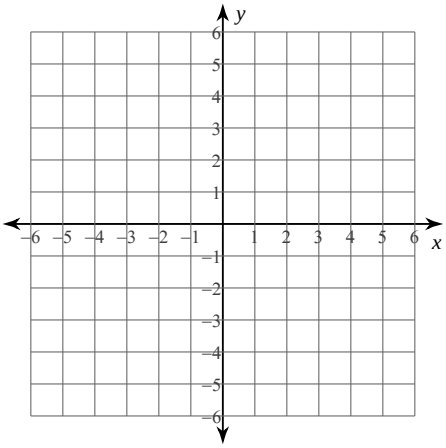
7) $2x + 3y = 0$



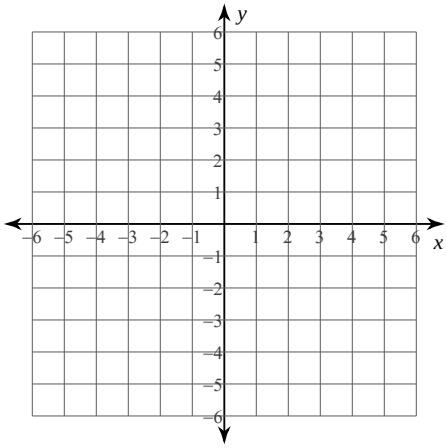
8) $x - 4y = -20$



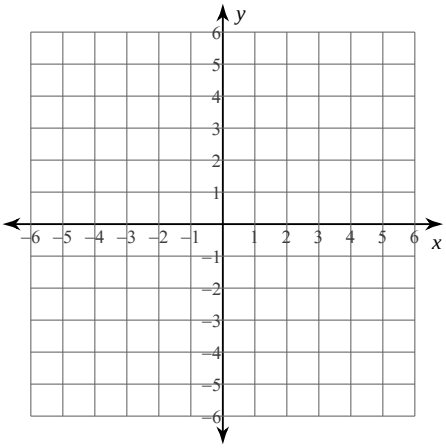
9) $5x - 4y = -4$



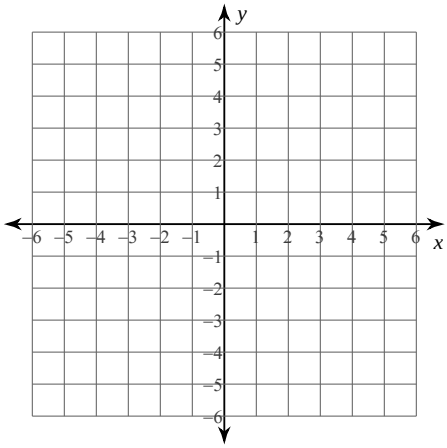
10) $x + 5y = 20$



11) $2x + 5y = -15$



12) $2x - 3y = 9$



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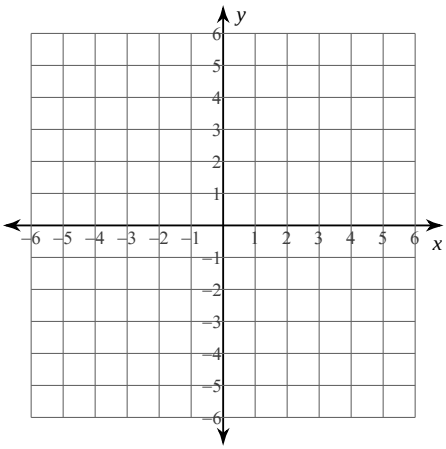
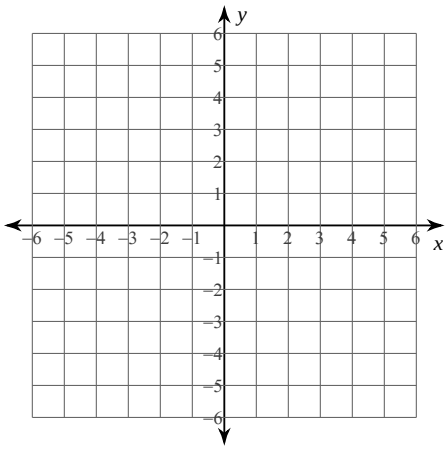
Sketch the graph of each line.

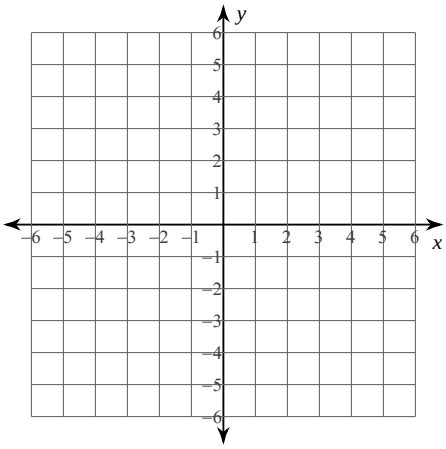
1) $8x - y = 4$



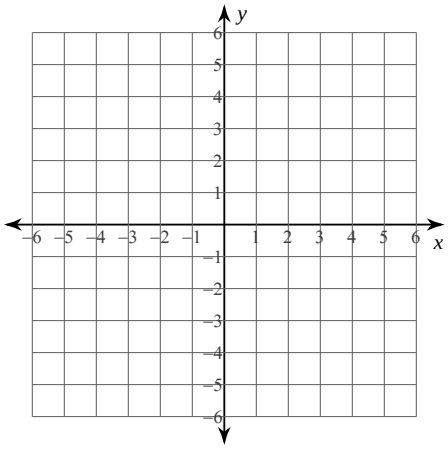
2) $x + 2y = 4$



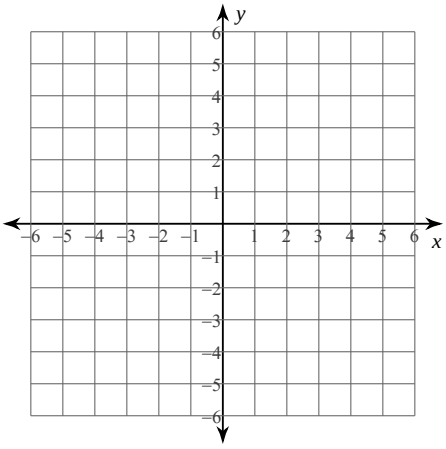
3) $y = 1$



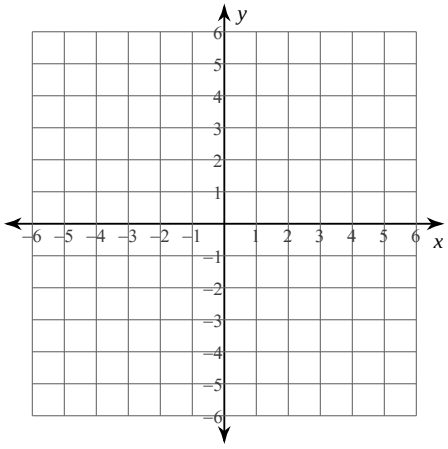
4) $3x + y = 5$



5) $3x - 2y = -8$



6) $8x - 5y = 25$



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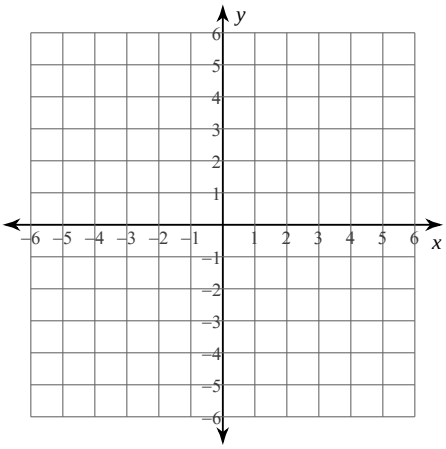
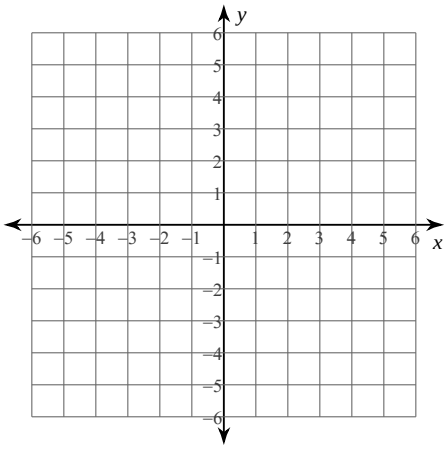
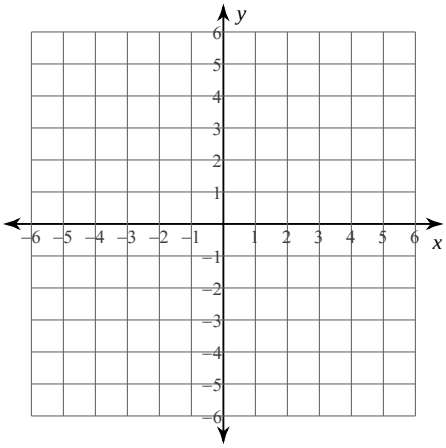
7) $x + 2y = -2$



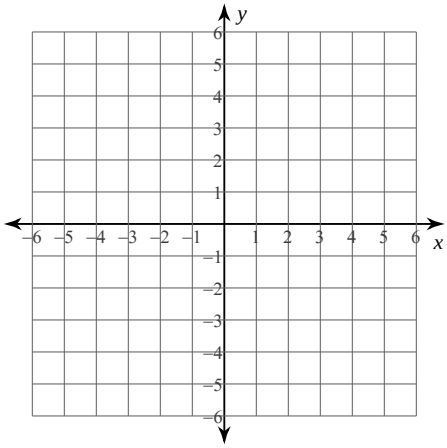
8) $x + y = -4$



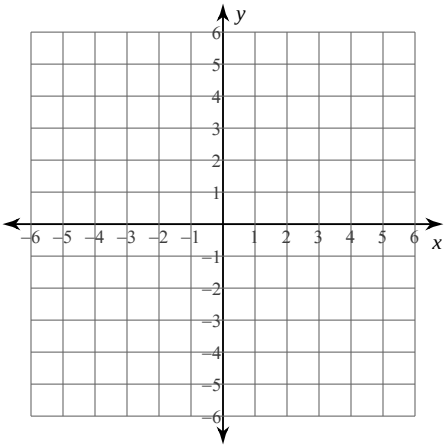
9) $y = 4$



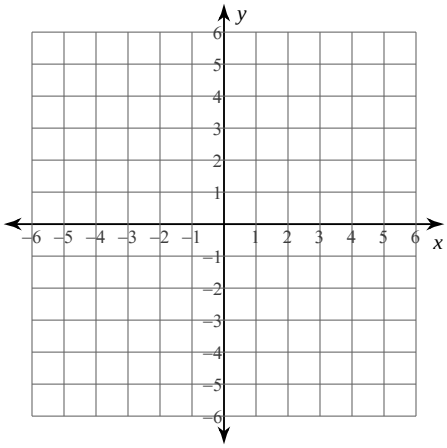
10) $x - 4y = 8$



11) $x = -5$



12) $x = -2$



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Algebra Foundations Name_____

Graphing by Intercepts

Date_____ HW#____

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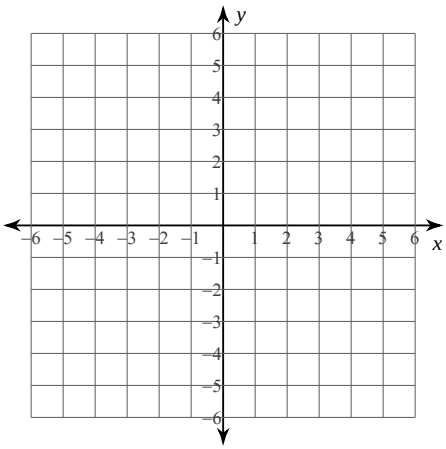
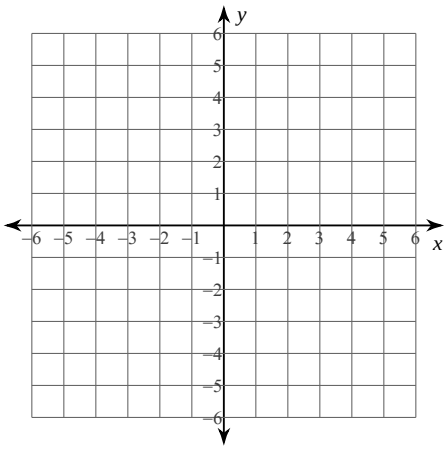
Sketch the graph of each line.

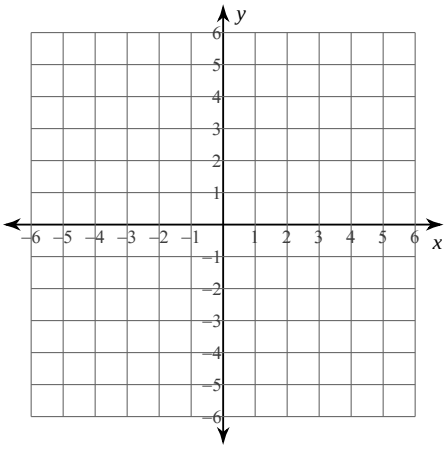
1) $3x + 4y = 0$



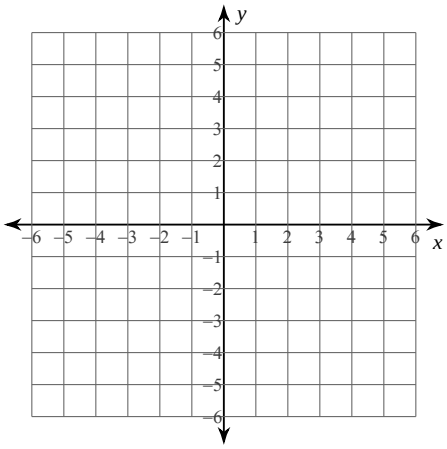
2) $3x - 2y = -2$



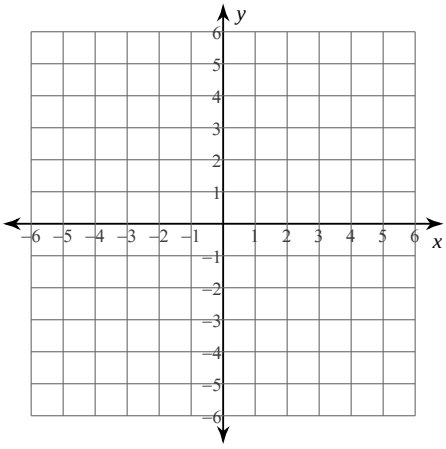
3) $x - y = 3$



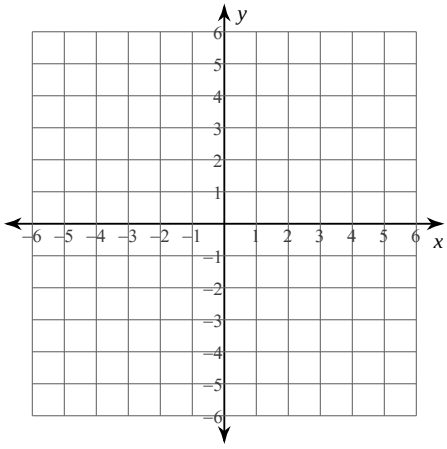
4) $x + y = -3$



5) $3x - y = 1$



6) $x + 3y = 12$



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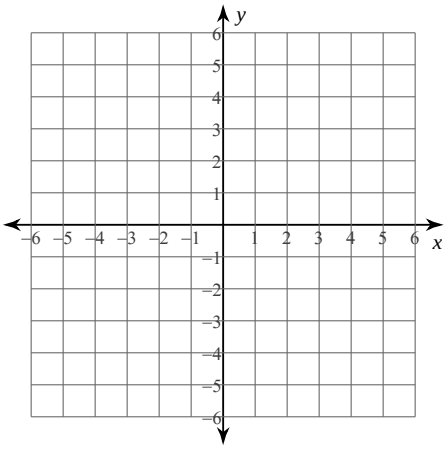
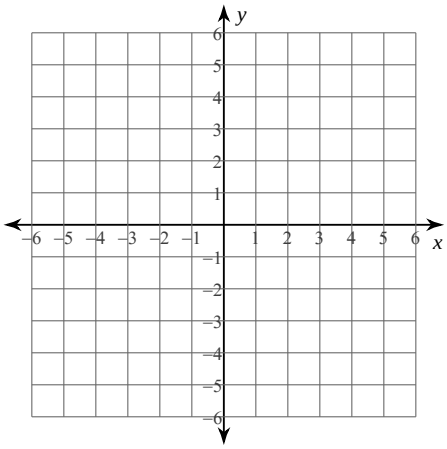
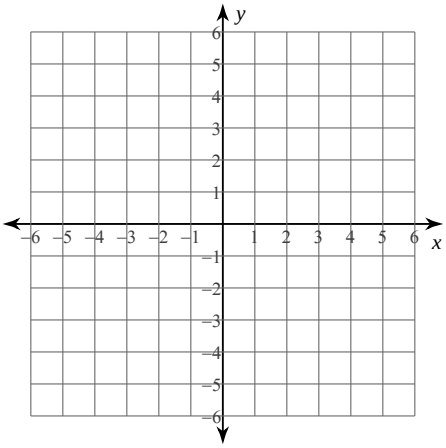
7) $4x + 3y = 15$



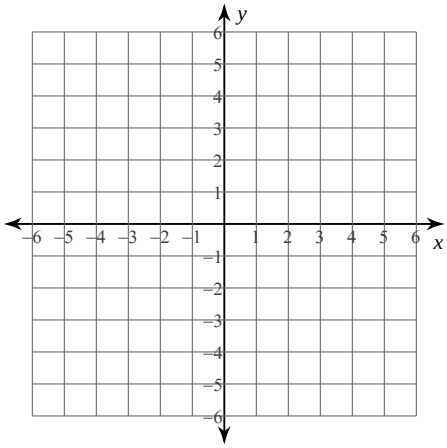
8) $2x + y = -5$



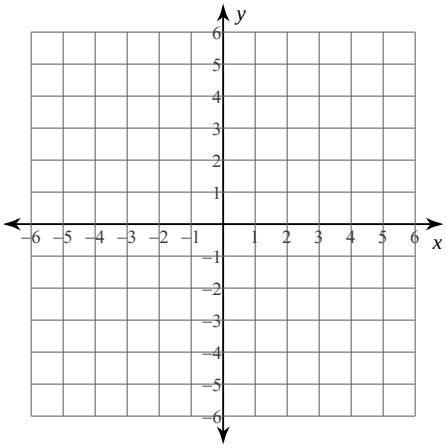
9) $4x - 5y = -15$



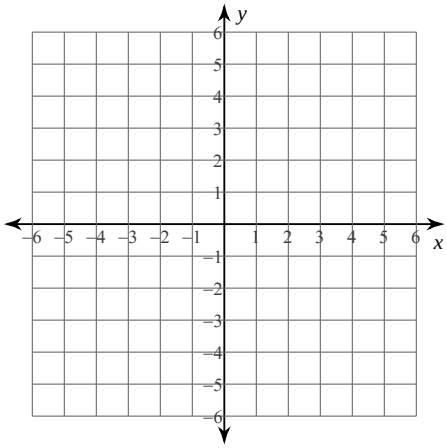
10) $7x + 3y = 9$



11) $3x - y = 2$



12) $4x + y = 5$



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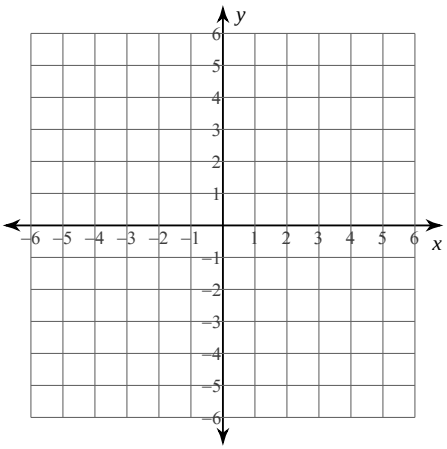
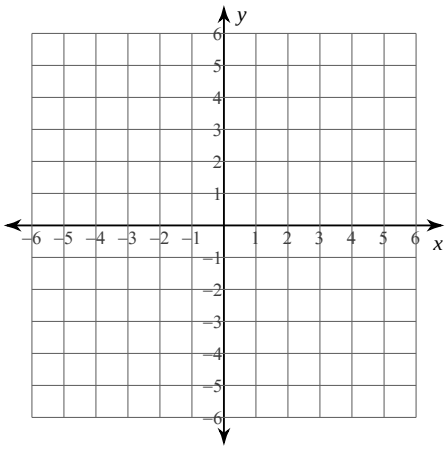
Sketch the graph of each line.

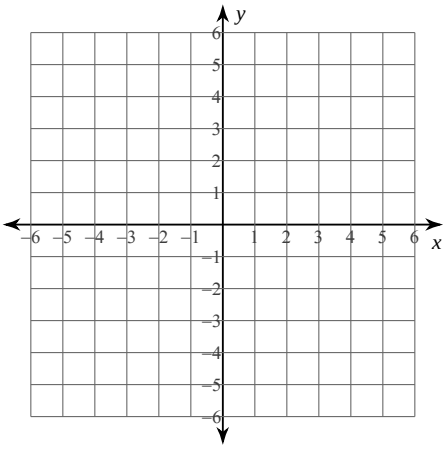
1) $y = -4$



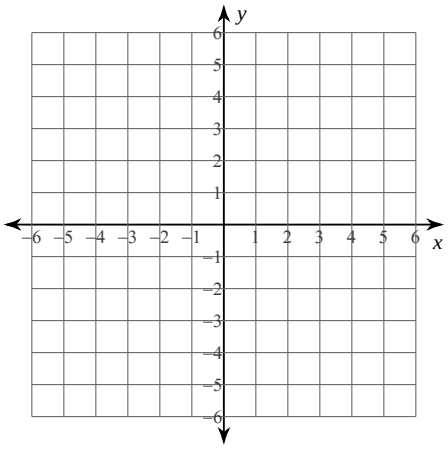
2) $y = -3$



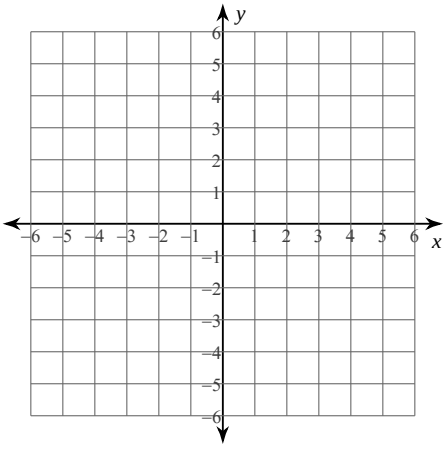
3) $x - 3y = -9$



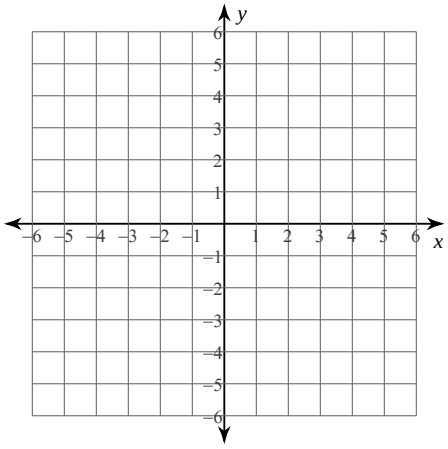
4) $2x + 3y = -6$



5) $x - y = -2$



6) $x + 3y = 12$



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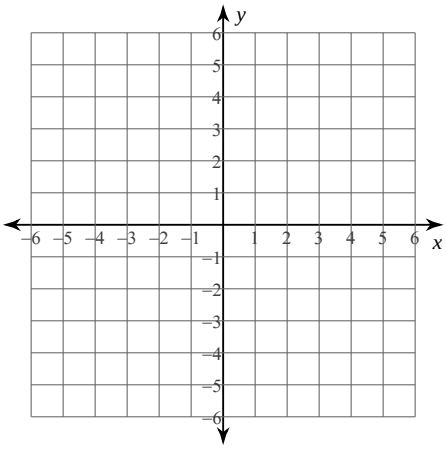
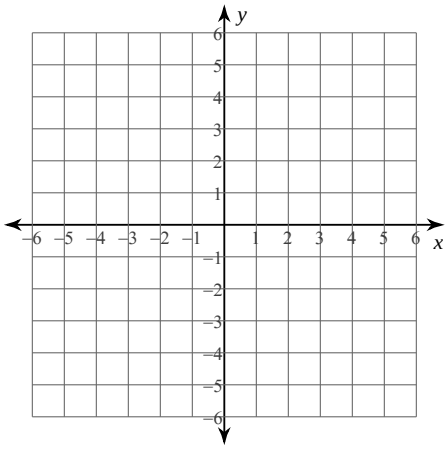
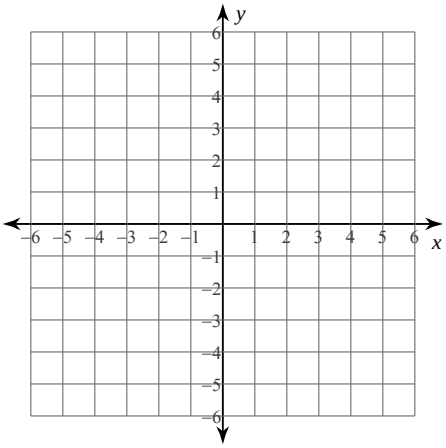
7) $3x + y = 2$



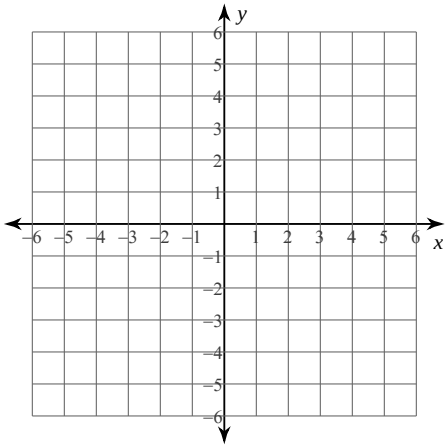
8) $3x - y = 4$



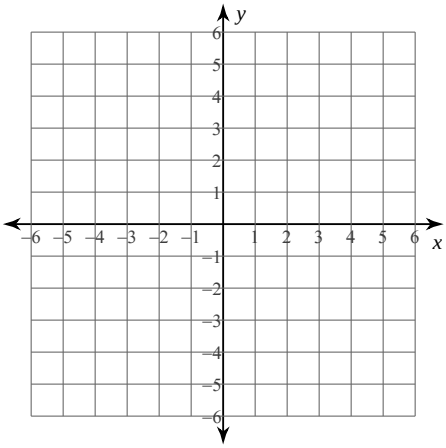
9) $3x - y = -4$



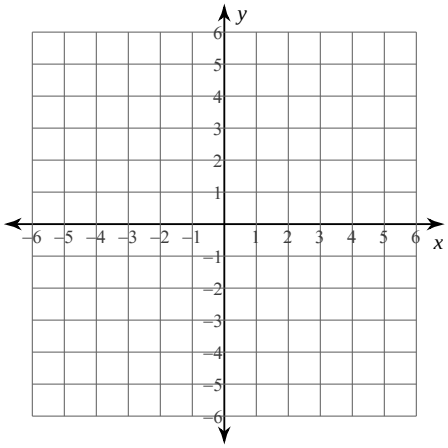
10) $4x - 5y = 0$



11) $6x + 5y = 25$



12) $x - 4y = 4$



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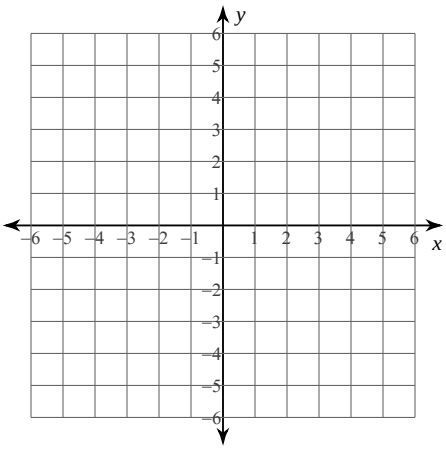
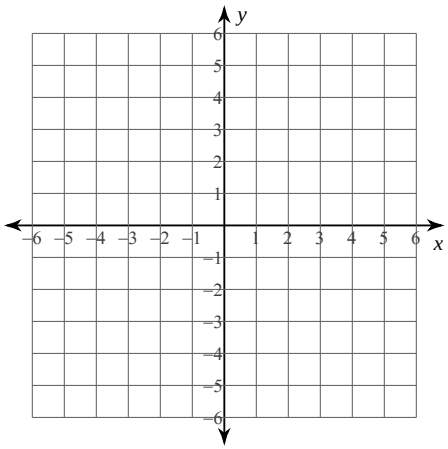
Sketch the graph of each line.

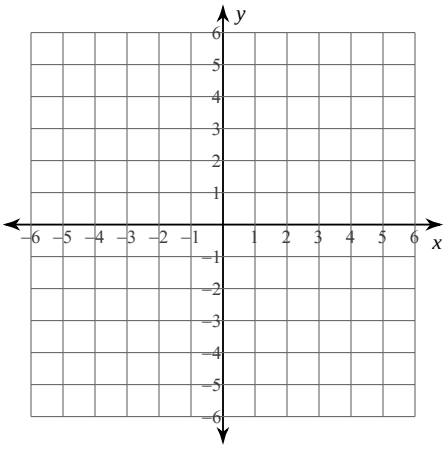
1) $x = -2$



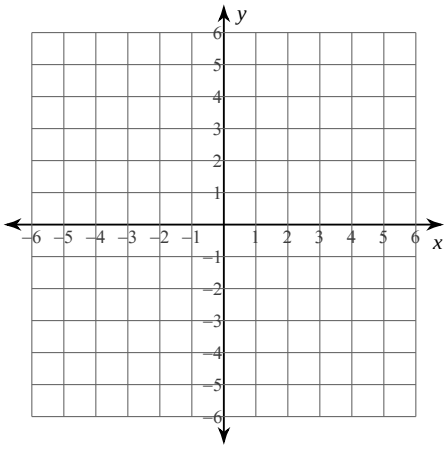
2) $3x + y = 3$



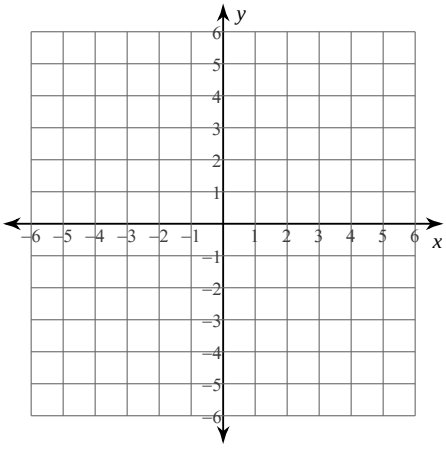
3) $x = -5$



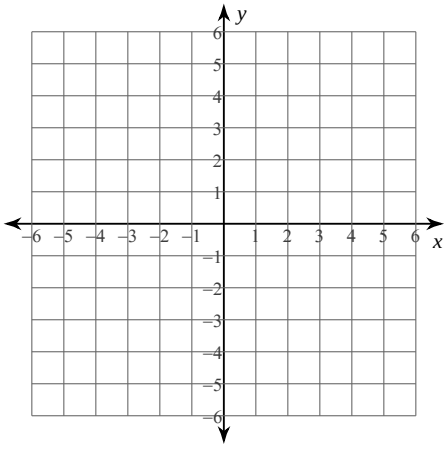
4) $3x + 2y = -10$



5) $5x - 3y = 12$



6) $4x + 5y = -10$



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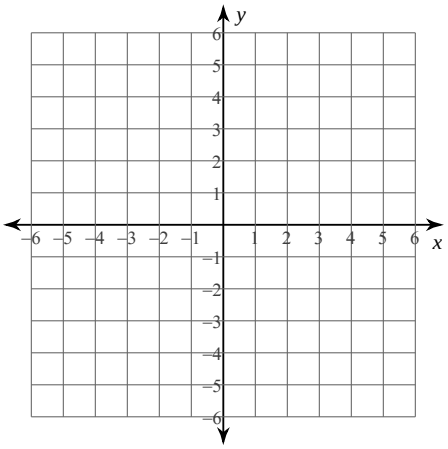
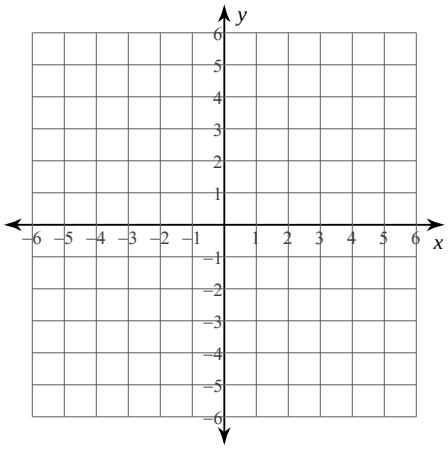
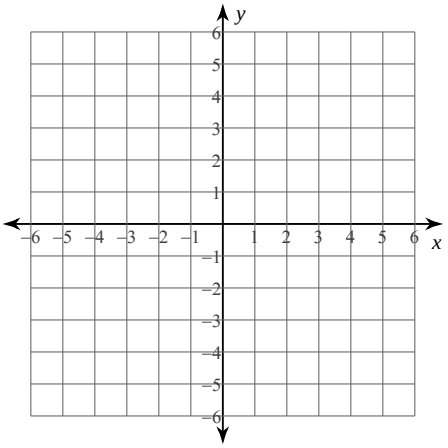
7) $x = 3$



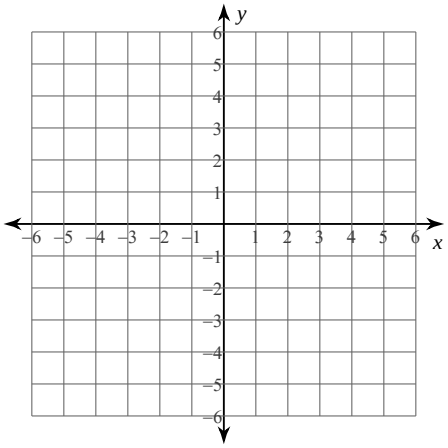
8) $x - 3y = 0$



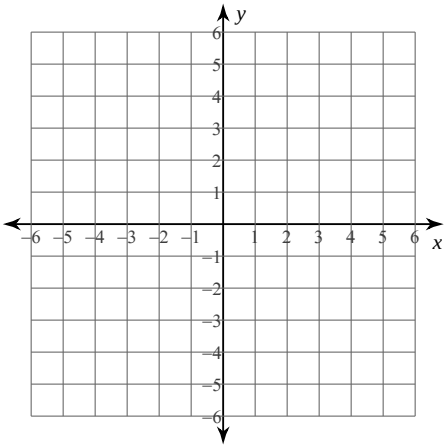
9) $5x + 3y = -9$



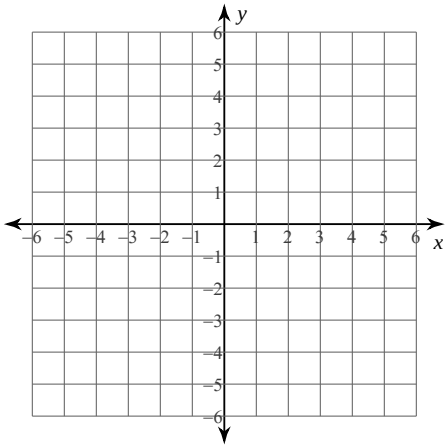
10) $x + y = -5$



11) $2x + 3y = 6$



12) $4x + y = 4$



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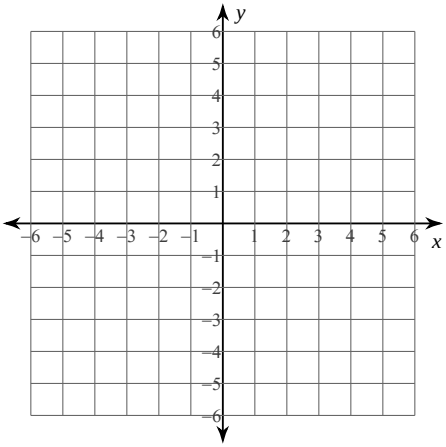
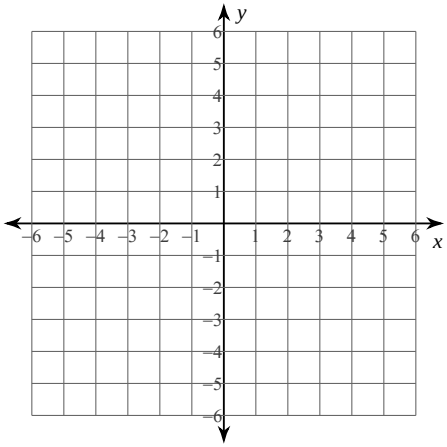
Sketch the graph of each line.

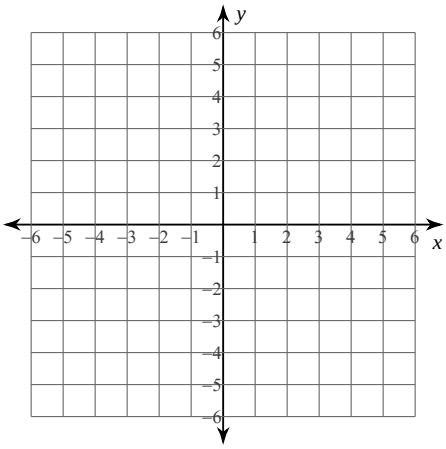
1) $x - y = -2$



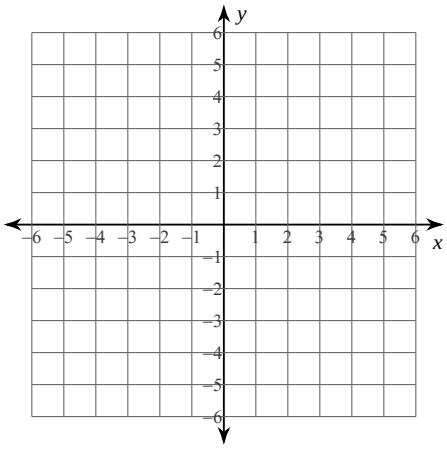
2) $x + 5y = -10$



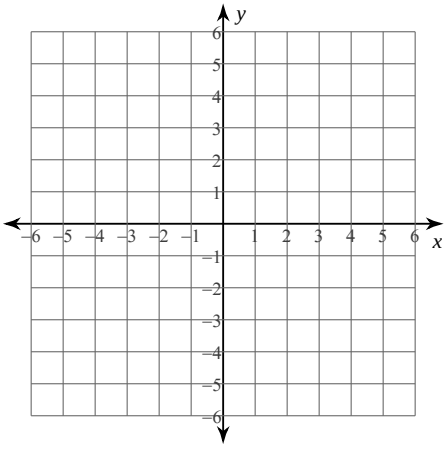
3) $x + 3y = 3$



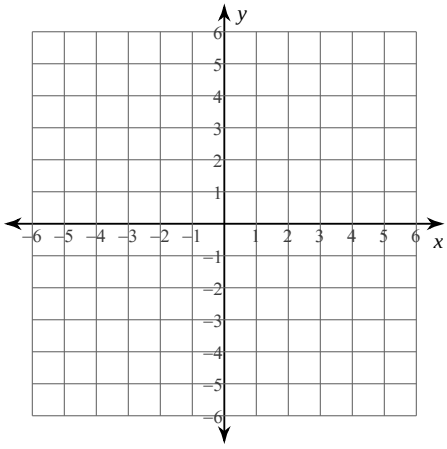
4) $5x + y = -3$



5) $3x + 2y = 8$



6) $x - y = 3$



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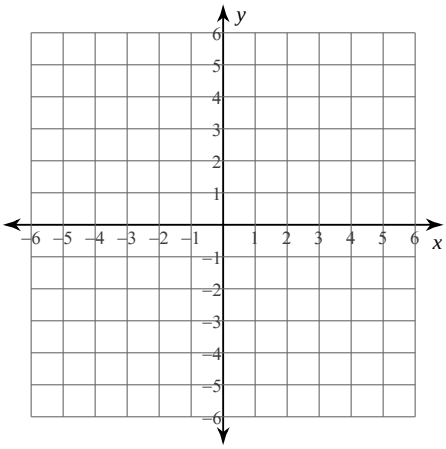
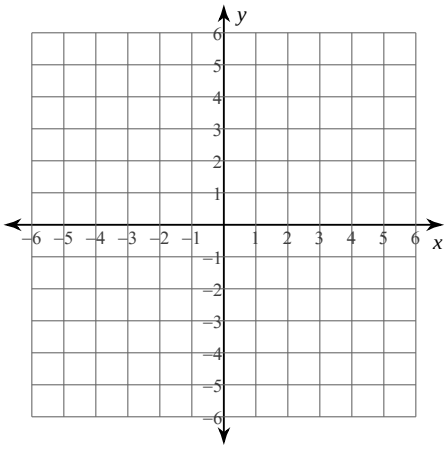
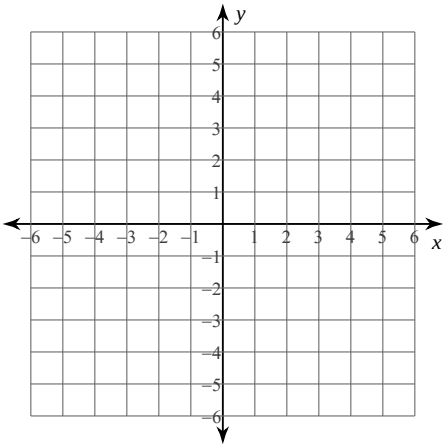
7) $4x + 5y = 0$



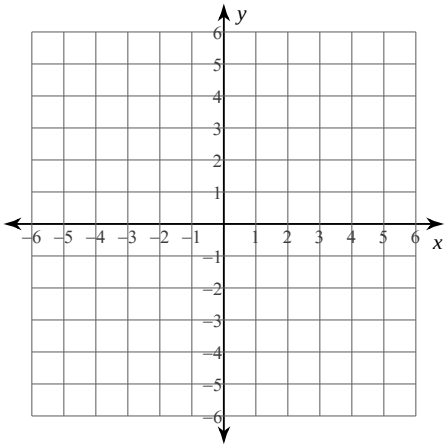
8) $5x + 2y = -10$



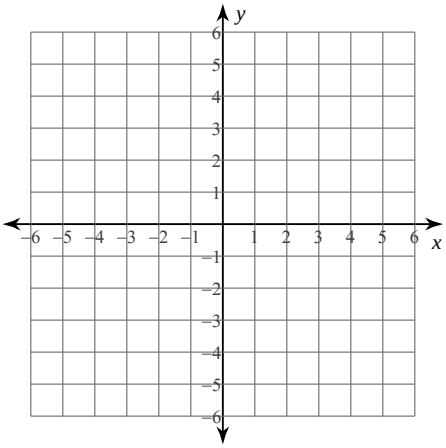
9) $3x - 2y = -2$



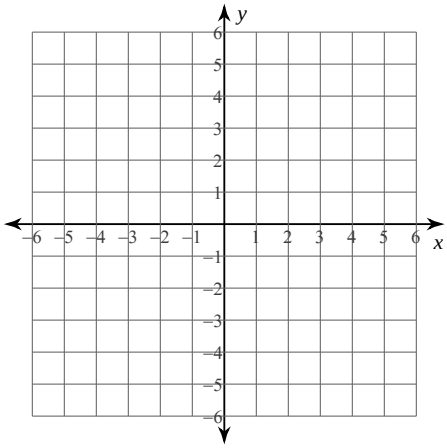
10) $8x + 3y = -15$



11) $x - 5y = -20$



12) $2x + y = 3$



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Algebra Foundations Name_____

Graphing by Intercepts

Date_____ HW#____

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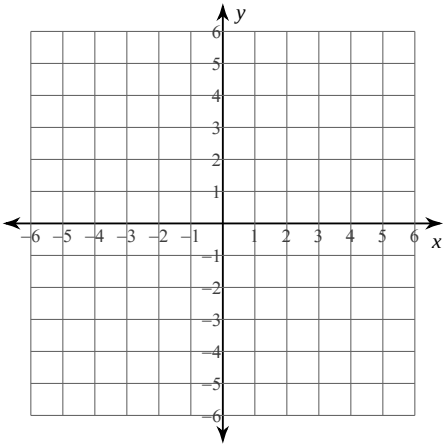
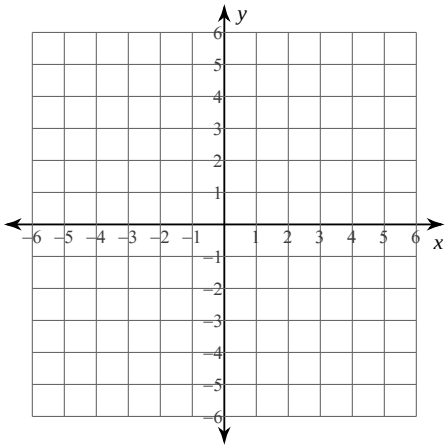
Sketch the graph of each line.

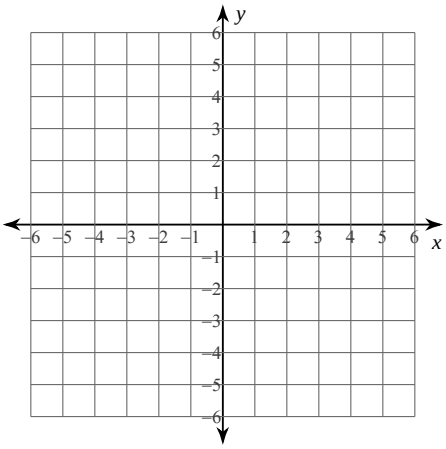
1) $x - y = -3$



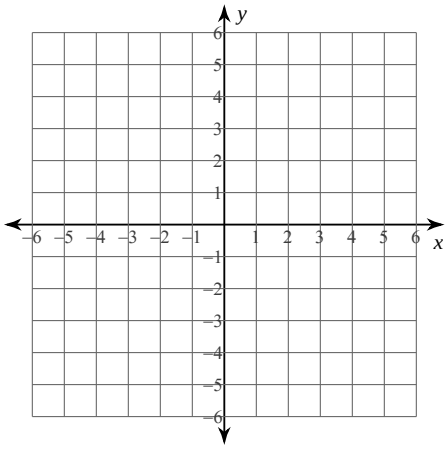
2) $2x + y = 0$



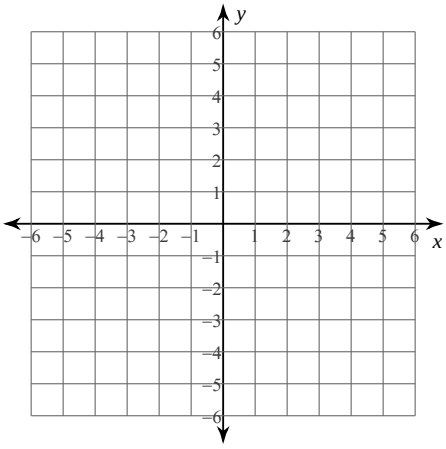
3) $4x + 5y = -20$



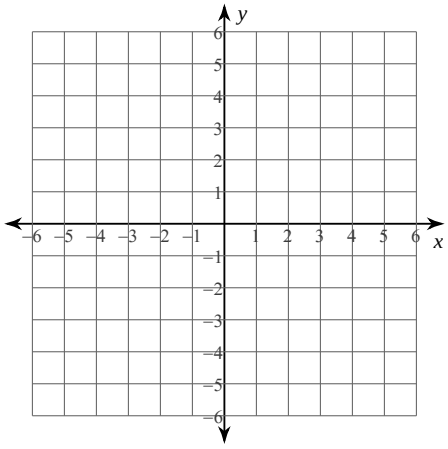
4) $6x + y = 2$



5) $x + y = 2$



6) $y = 0$



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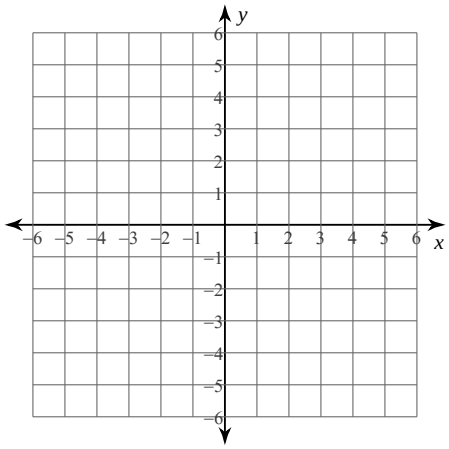
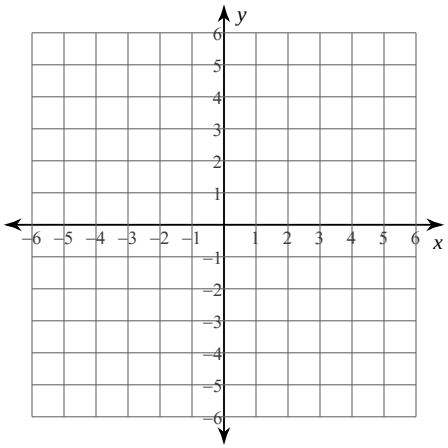
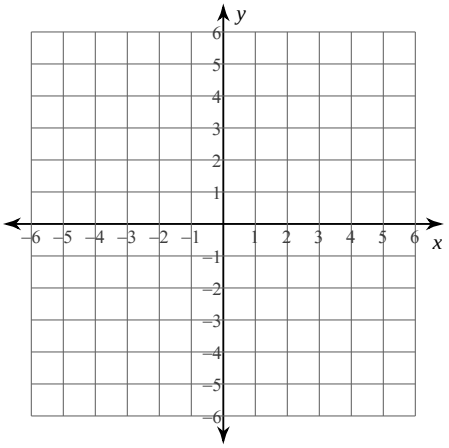
7) $y = -3$



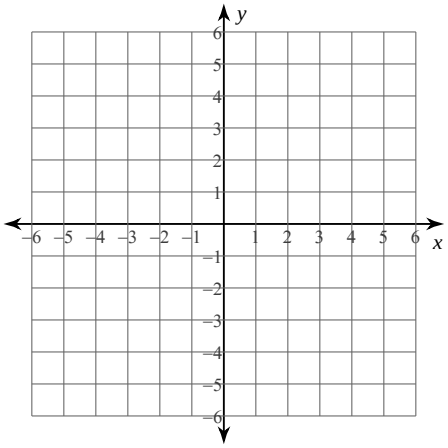
8) $x = -5$



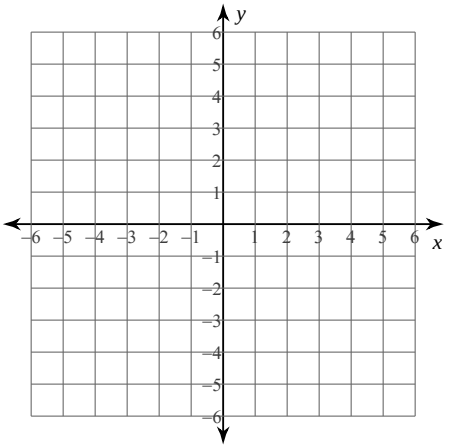
9) $x = 4$



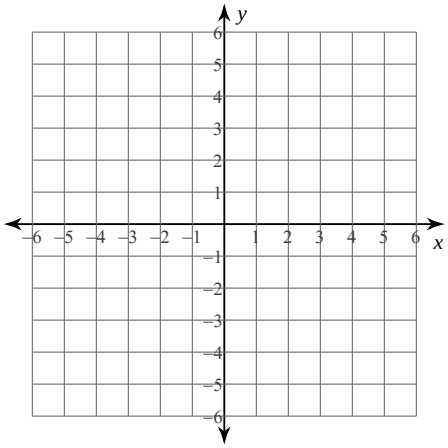
10) $2x - y = -5$



11) $x - y = 5$



12) $x - y = 2$



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