

Algebra 1

Chapter 6

Pre-Review

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Solve the Equation:

$$2x + 4 = 13$$

$$= \quad -4 \quad -4$$

$$\frac{2x}{2} = \frac{9}{2}$$

$$x = \frac{9}{2}$$

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Solve the Equation for "y":

$$8x + 4y - 7 = 1$$

$\quad \quad \quad = -7 \quad +7$

$$\cancel{8x} + 4y = 8$$

$-8x \quad \quad -8x$

$$\cancel{4}y = \frac{8 - 8x}{4} = \frac{8}{4} - \frac{8x}{4}$$

$$y = \frac{8 - 8x}{4} = 2 - 2x$$

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Solve the Equation for "t":

$$\frac{3}{2}t + s - 4r = 0$$

$\quad \quad \quad +4r \quad -4r$

$$\frac{3}{2}t + s = 4r$$

$\quad \quad \quad -s \quad \quad -s$

$$\cancel{\frac{2}{3}} \cdot \frac{2}{3} t = \frac{2}{3} (4r - s)$$

$$t = \frac{2}{3} (4r - s)$$

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Solve the Equation for "x":

$$8x + 4y - 7 = 1$$

$$8x + 4y = 8$$

$$\frac{8x}{8} = \frac{8-4y}{8}$$

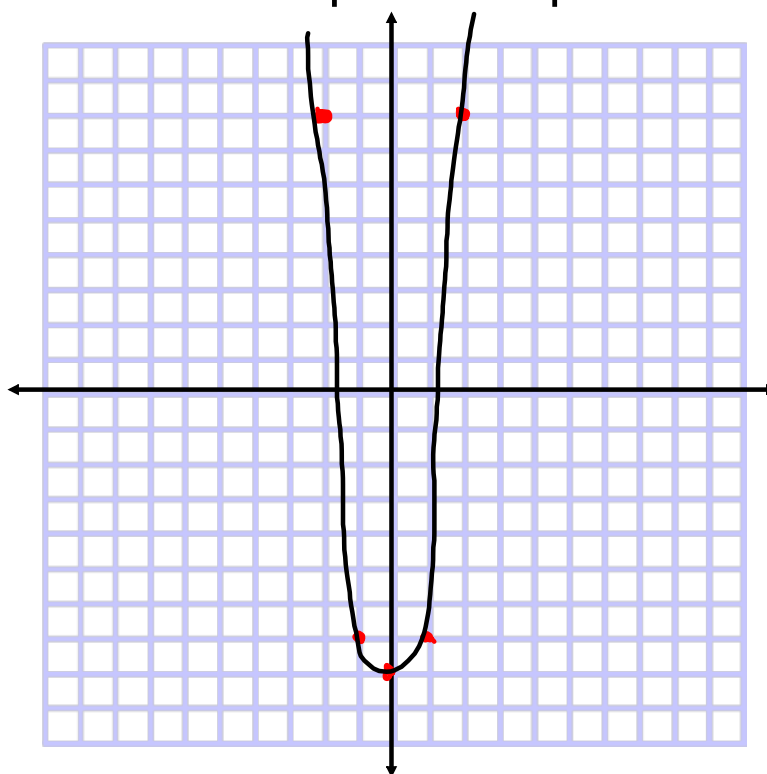
$$x = 1 - \frac{1}{2}y$$

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Complete the Table to Graph the Equation:

$$y = x^4 - 8$$

x	y
-2	8
-1	-7
0	-8
1	-7
2	8

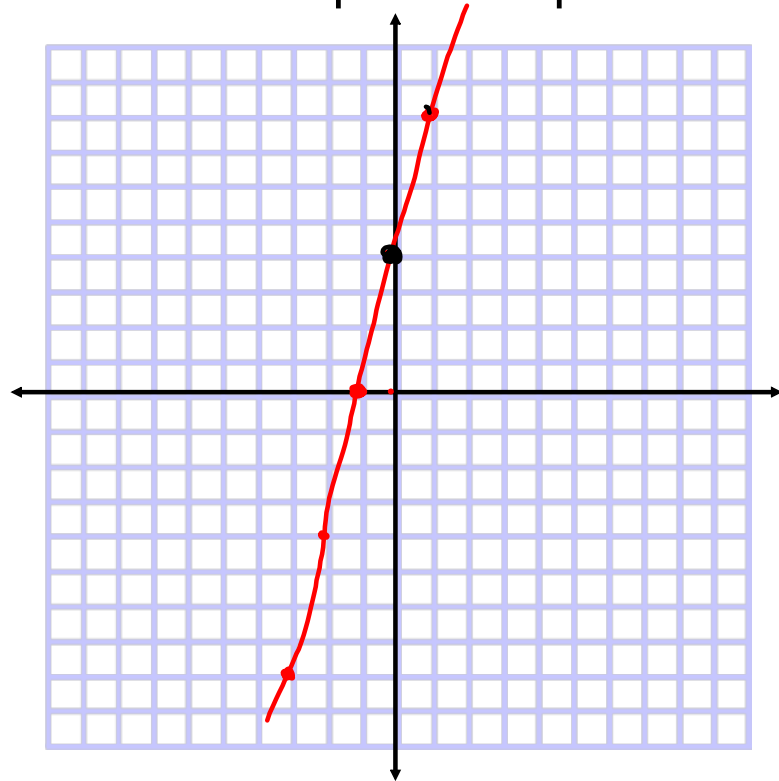


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Complete the Table to Graph the Equation:

$$y = 4x + 4$$

x	y
-3	-8
-2	-4
-1	0
0	4
1	8



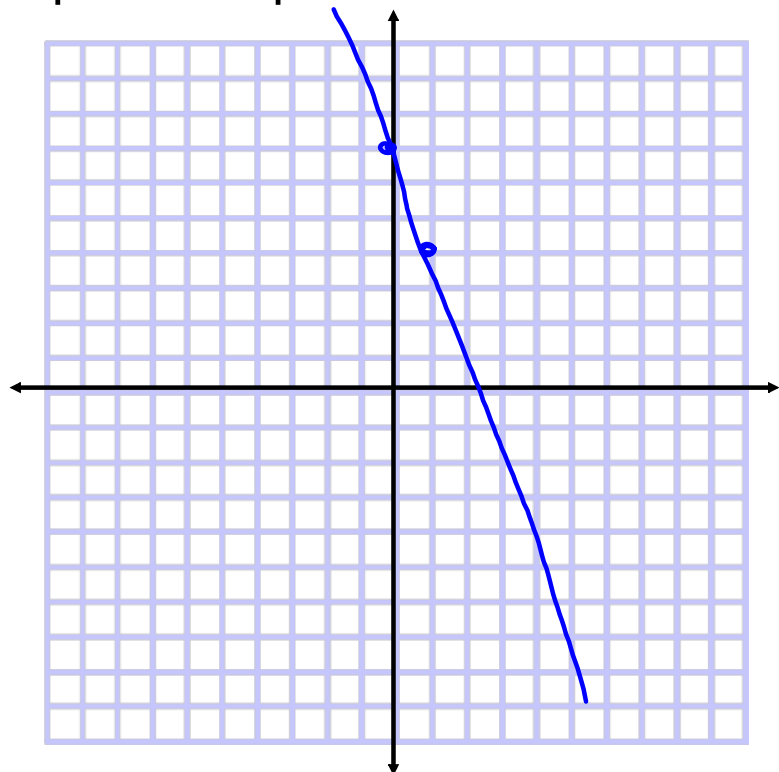
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Graph the Equation:

$$y = -3x + 7$$

$$b = 7$$

$$m = -3$$



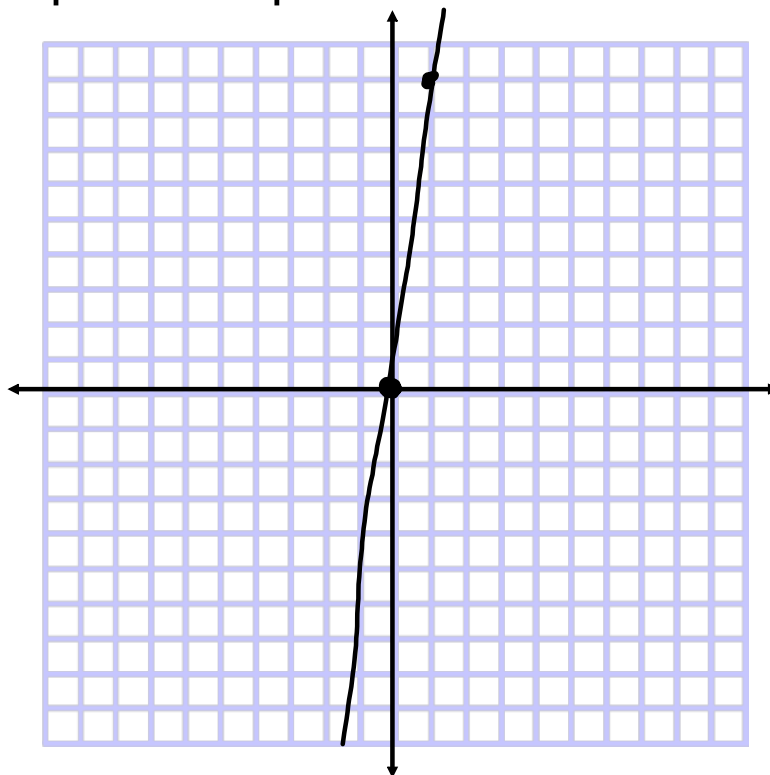
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Graph the Equation:

$$y = 9x$$

$$b = 0$$

$$m = 9$$

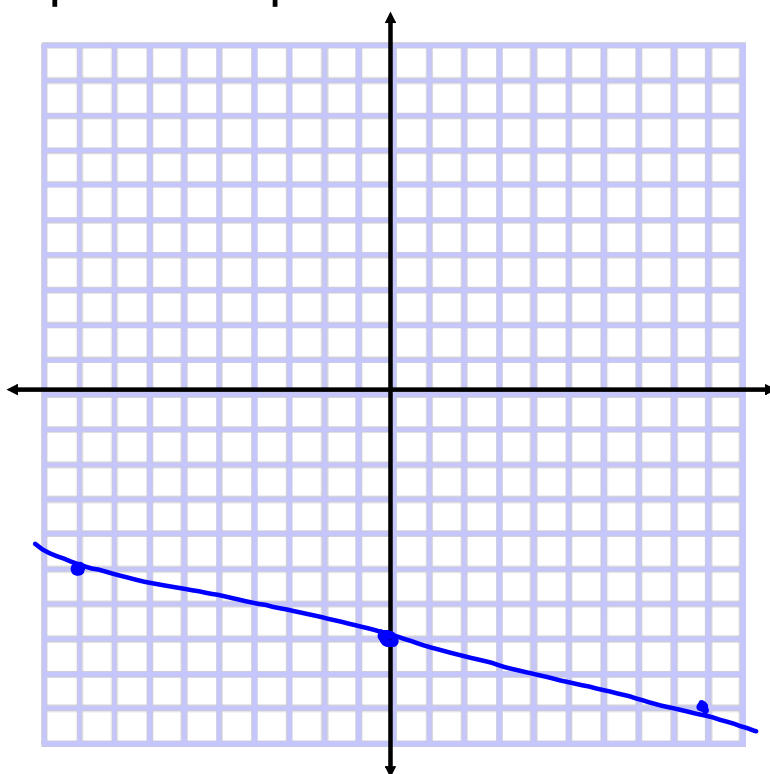


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Graph the Equation:

$$y = -\frac{2}{9}x - 7$$

$$b = -7$$



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