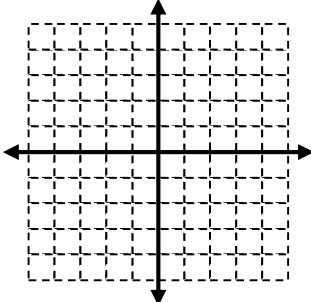
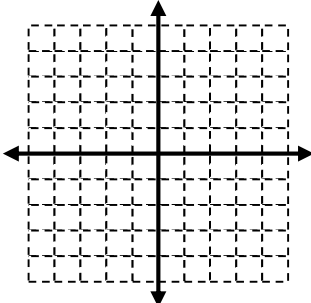
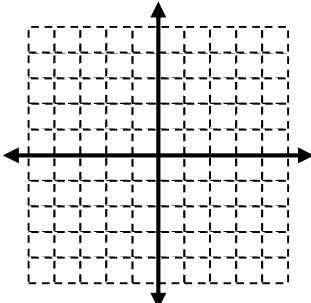
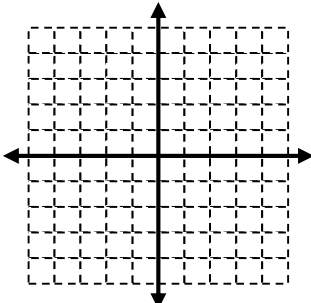


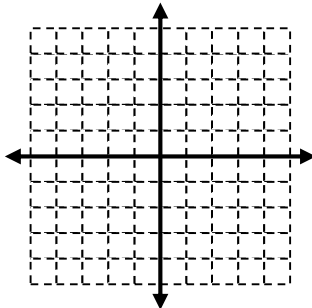


Solving for Slope-Intercept Form

Explain

Directions: Complete the following table.

Solve for Slope-Intercept Form $y = mx + b$	Graph Your Line	Identify the Key Features
1. $y + 2 = -\frac{2}{3}(x - 6)$		x-intercept: _____ y-intercept: _____ zero: _____ slope: _____
2. $4y + x = 2x + 12$		x-intercept: _____ y-intercept: _____ zero: _____ slope: _____
3. $x + 5y = -5$		x-intercept: _____ y-intercept: _____ zero: _____ slope: _____
4. $2 - 4y = -2x + 10$		x-intercept: _____ y-intercept: _____ zero: _____ slope: _____

<p>5. $3x - 3y = 6$</p>		<p>x-intercept: _____</p> <p>y-intercept: _____</p> <p>zero: _____</p> <p>slope: _____</p>
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Directions: For the following problems, the video will go through problems 6a, 7a, 8a and 9a. After each problem, pause the video and you try the “b” problem.

EXAMPLE	YOU TRY
6a. $3y = 5x + 9$	6b. $2y = 3x - 4$
7a. $2x + 3y = 4x - 12$	7b. $4x + 2y = 6x + 6$
8a. $2(x - 2y) = 8$	8b. $3(2x - y) = 6$
9a. $2y + 6 = x$	9b. $5y + 10 = x$

