

Algebra I

8-4 Day 2

Graphing using

$y = mx + b$ and Point Plotting

Which of the following equations will graph into a straight line?

1) $y = \frac{1}{3}x - \frac{4}{5}$ _____ 5) $x^2 + y^2 = 49$ _____

2) $y = x^2 - 4$ _____ 6) $y = \sqrt{2x - 1}$ _____

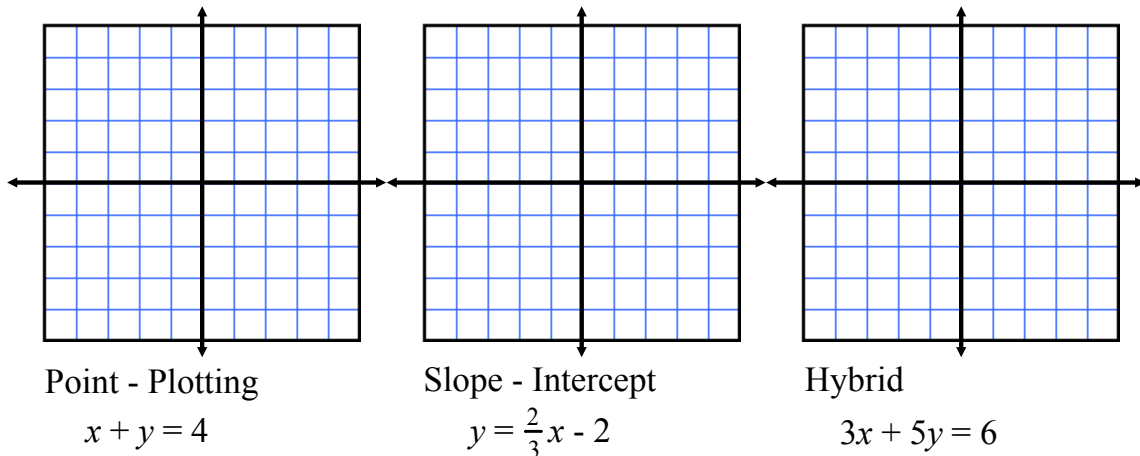
3) $x = 3$ _____ 7) $y = -1$ _____

4) $3x + 2y = 13$ _____ 8) $y = |x + 2|$ _____

How can we tell if an equation will graph into a straight line by just looking at the equation?

Slope/Intercept form of a line -

Three methods of graphing equations:



Assignment:
Handout