

Algebra 1            3.2

Solve linear equations by graphing

Estimate solutions to a linear equation by graphing                    ✕-int.

Equations with no solution

linear function

parent function

family of graphs

solution (root) of an equation

zero of a function

activ: ICE WS

Quiz Mon. 3.1-3.2

= 0

5.  $2x - 5 = 2x + 8$

$-2x \quad -2x$

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$-5 = 8$

NS

6.  $4x + 11 = 4x - 24$

$-4x \quad -4x$

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$11 = -24$

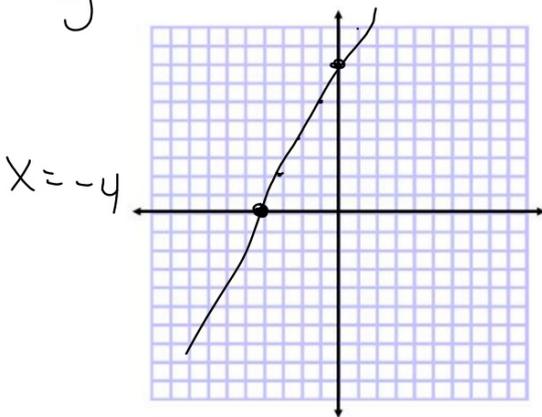
∅

Solve by graphing:

$$2x+8=0$$

$$y = \frac{2}{1}x + 8$$

$$y = mx + B$$



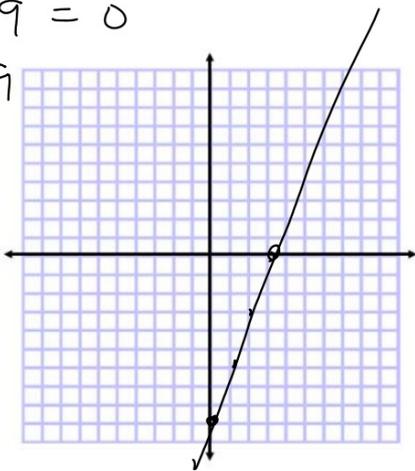
Solve by graphing:

$$9 - 8 = 1 \quad \text{☺}$$

$$3x - 8 = 1$$

$$3x - 9 = 0$$

$$y = \frac{3x - 9}{1}$$



$$x = 3$$

