


Algebra 1      3.2      **all**   
Solve linear equations by graphing  
Estimate solutions to a linear equation by  
graphing  
Equations with no solution

linear function  
parent function  
family of graphs  
solution (root) of an equation  
zero of a function  
activ: whiteboards

Quiz Mon. 3.1-3.2

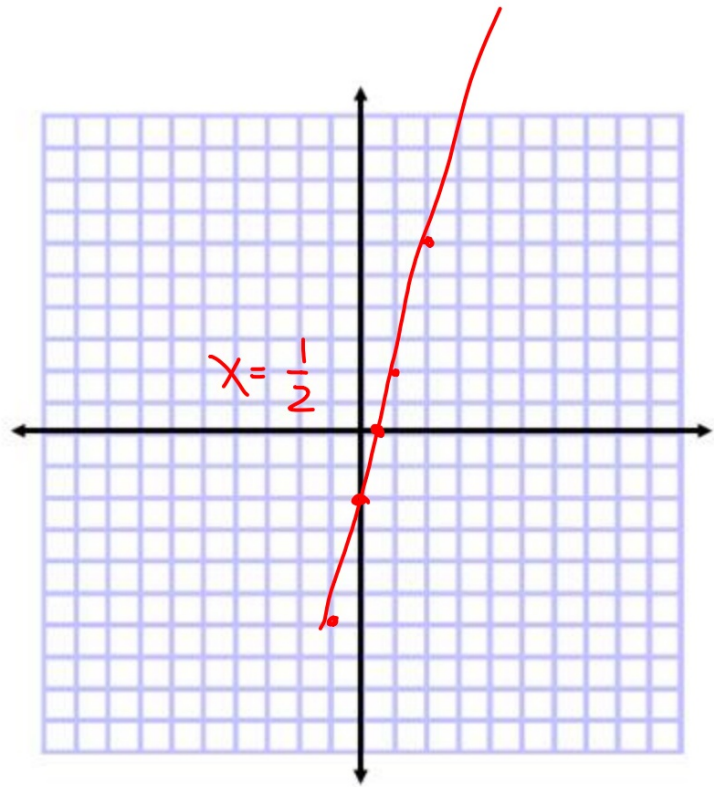
$$4x - 2 = 0$$

$$4 \cdot \frac{1}{2} - 2 = 0$$

$$2 - 2 = 0$$

$$y = 4x - 2$$

x	4x-2	
2	4·2-2	6
0	4·0-2	-2
-1	4·(-1)-2	-6
1	4·1-2	2



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

$$\begin{array}{r} -2x \quad -2x \\ \hline \end{array}$$

$$-5 = 8$$

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

**7.**  $3x - 5 = 3x - 10$

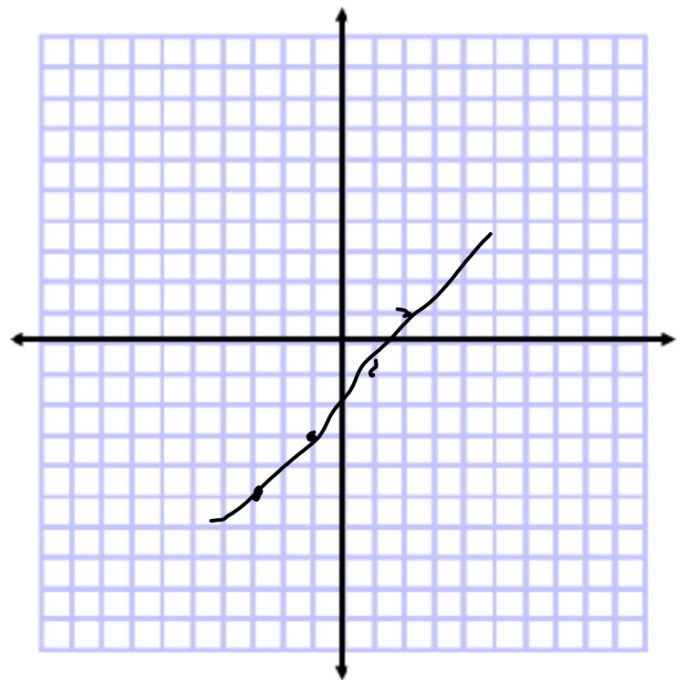
**8.**  $-6x + 3 = -6x + 5$

Guided Practice

2A.  $4x + 3 = 4x - 5$

2B.  $2 - 3x = 6 - 3x$

$$\begin{array}{r} 2x + 3 = 3x - 6 \\ -3x \quad \quad -3x \\ \hline -x + 3 = -6 \\ \quad +6 \quad +6 \\ \hline -x + 9 = 0 \end{array}$$



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