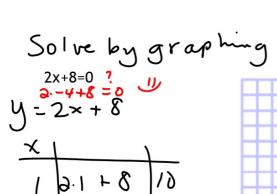
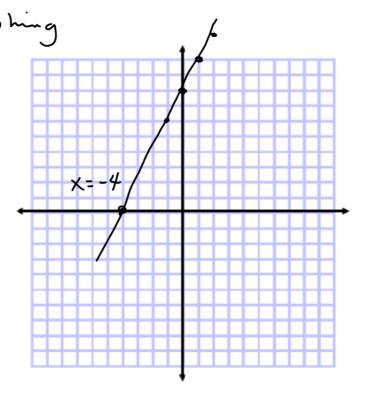
Algebra 1 3.2 Solve <u>linear</u> equations by graphing Estimate solutions to a linear equation by graphing $x = \frac{1}{2} n^{\frac{1}{2}} e^{-\frac{1}{2}} e^{-\frac{1}{2}}$

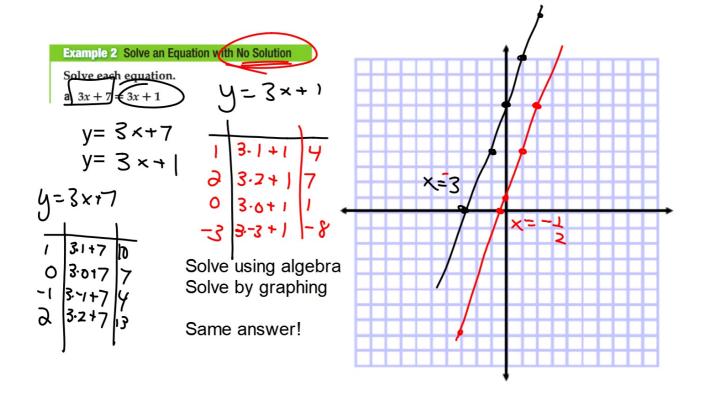
X=1

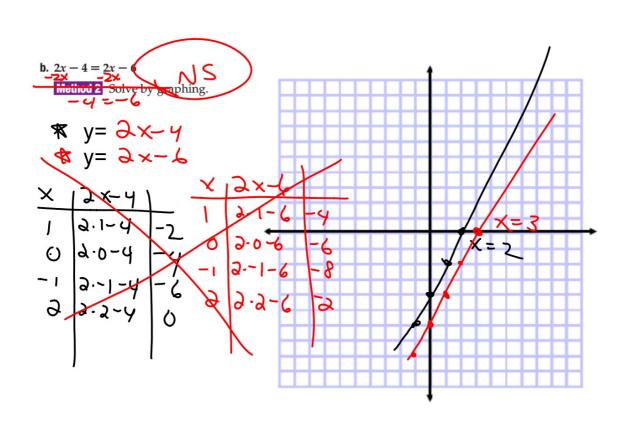
linear function parent function family of graphs x-intercept



X		
1	D-1 + 8	19
0	2-0 + 8	8
~1	2-1+8	6
5	2.5 48	18
2	9.7 4 8	IƏ
	l	







GuidedPractice

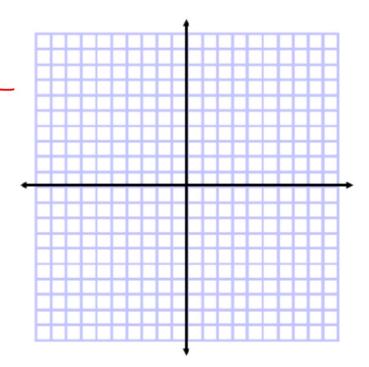
2A.
$$4x + 3 = 4x - 5$$

NS

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

$$\frac{9=9}{43^{\times}+3^{\times}}$$

NS





$$= 0$$

$$2x - 5 = 9$$

$$-9 - 9$$

$$2x - 14 = 0$$

$$y = 2x - 14$$

$$3x + 6 = 14$$

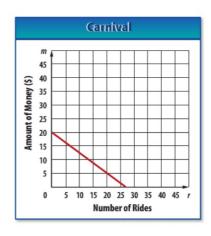
$$-14 - 14$$

$$3x - 9 = 0$$

Find the zero= what is the x-intercept? (where y = 0)

Real-World Example 3 Estimate by Graphing

CARNIVAL RIDES Emily is going to a local carnival. The function m = 20 - 0.75r represents the amount of money m she has left after r rides. Find the zero of this function. Describe what this value means in this context.



GuidedPractice

3. FINANCIAL LITERACY Antoine's class is selling candy to raise money for a class trip. They paid \$45 for the candy, and they are selling each candy bar for \$1.50. The function y = 1.50x - 45 represents their profit y when they sell x candy bars. Find the zero and describe what it means in the context of this situation.