

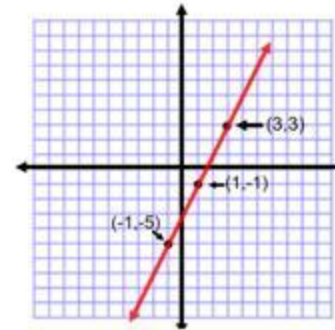
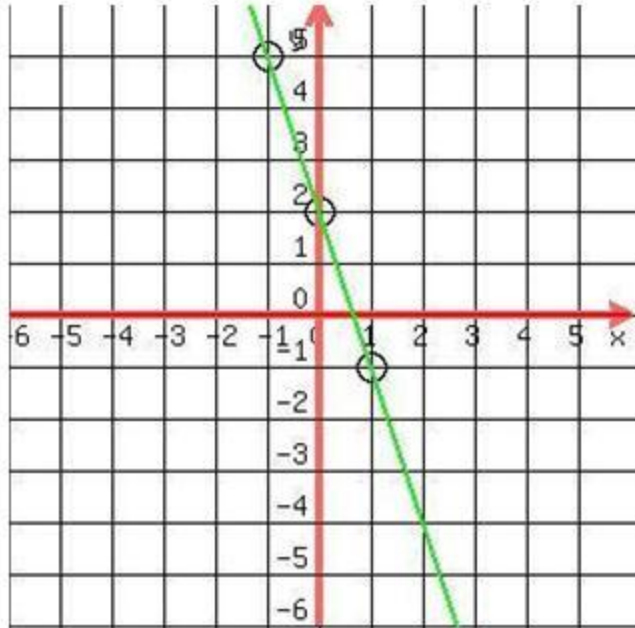
Multiple Representations

Example 3:

Find 3 solutions for the equation: $y = 2x - 3$
Then graph the equation.

x	$2x - 3$	y	Ordered Pairs
-1	$2(-1) - 3$	-5	$(-1, -5)$
1	$2(1) - 3$	-1	$(1, -1)$
3	$2(3) - 3$	3	$(3, 3)$

Three solutions to the equation $y = 2x - 3$ are:
 $(-1, -5)$
 $(1, -1)$
 $(3, 3)$



There are an infinite number of solutions, as the line for this graph goes on forever! Any point on this line is a solution to this equation.

Multiple Representations

A large pizza at Mack Manco's Pizza costs \$7 plus \$0.80 per topping. Write a table and algebra expression for this situation, then graph the scenario.



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Multiple Representations

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toppings	cost

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Multiple Representations



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Multiple Representations

Pimple-faced Patrick's mom gave him \$200 for Christmas last year. He decided to spend \$20 a month on Proactiv. Write a table and algebra expression to show how much money he has left, then graph the scenario. When will he run out of money?



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months	money

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Multiple Representations



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Multiple Representations

$$5n + 30$$

Write a situation that can be represented by this expression.
Then write make a table and graph the expression.

Multiple Representations

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Write a situation that can be represented by this expression.
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Multiple Representations

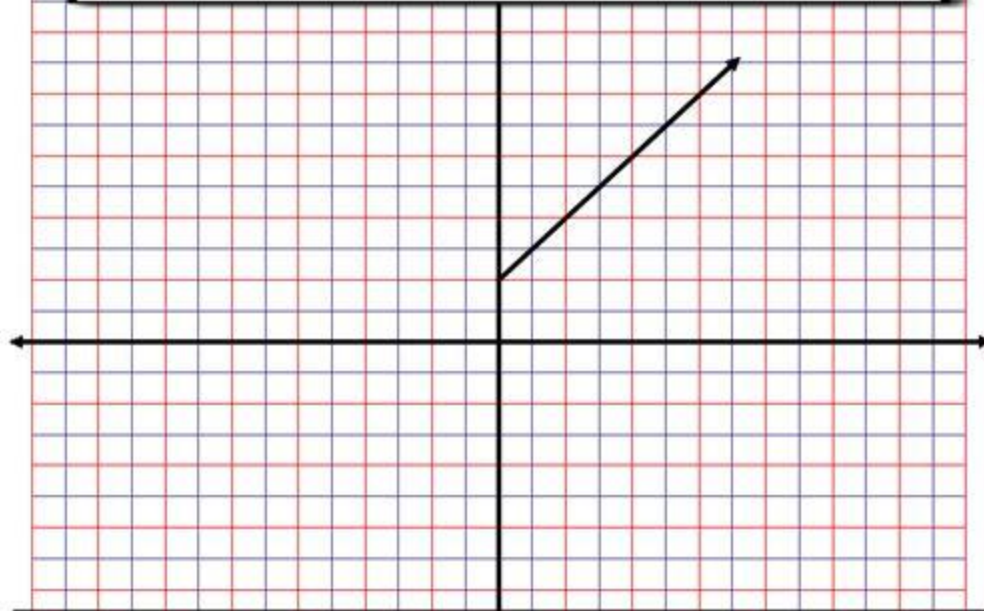
$$5n + 30$$

Graph the expression.

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Multiple Representations



Write a situation that can be represented by graph. Then write make a table and write the algebra expression.

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Multiple Representations

Write a situation that can be represented by graph. Then write make a table and write the algebra expression.

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