

APRIL 11, 2016

UNIT 6: LINEAR RELATIONS

TEST PREPARATION

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MATH 9





Warm Up

1. Amanda is hosting a party, and her mom is ordering pizza. Each Pizza ordered will cost \$15.00. There is a flat rate of \$4.00 for delivery, no matter how many pizzas are ordered. Write an equation that represents the relation between the number of pizzas ordered, n , and the total cost of the order, c .

$$C = 15n + 4$$

2. Determine the equations represented by the information in the tables of values below:

a)

t	d
1	12
2	9
3	6

Handwritten notes: A red bracket on the left side of the table is labeled "+1". A red bracket on the right side of the table is labeled "-3". A red arrow points from the top row to the second row.

$$d = -3t + 15$$

b)

X	y
5	27
7	37
9	47

Handwritten notes: A blue bracket on the left side of the table is labeled "+2". A blue bracket on the right side of the table is labeled "+10". A green arrow points from the slope calculation to the equation below. The slope calculation is written as $m = \frac{\Delta y}{\Delta x} = \frac{10}{2} = 5$.

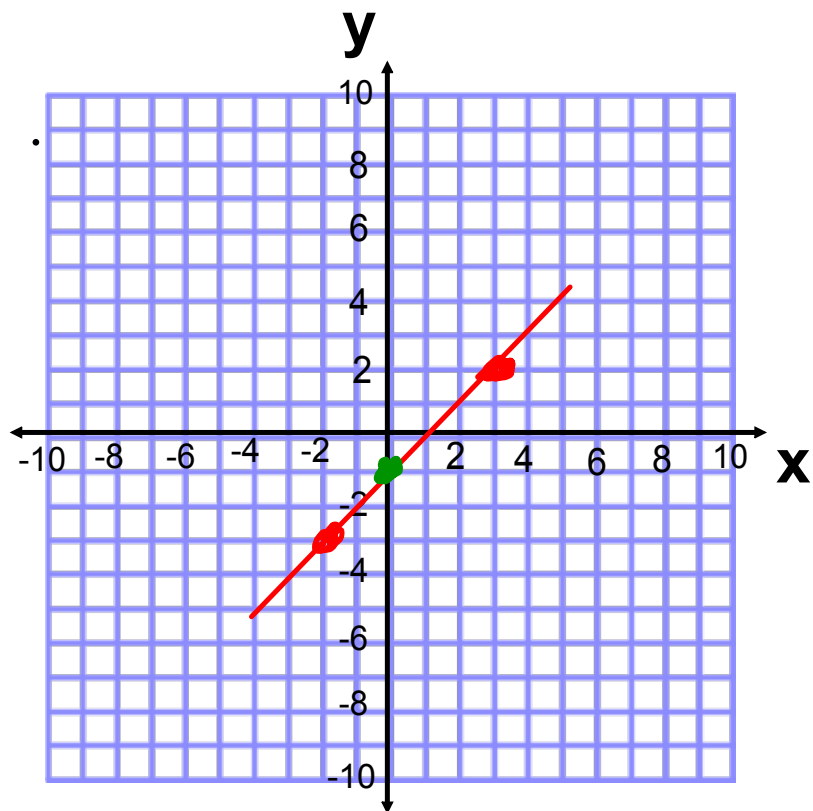
$$y = 5x + 2$$

HOMWORK QUESTIONS???

(pages 196 / 197 / 198, #4 to #11 & #13)

a) ii)

4. a) ii) $x = ?$; $y = -1$



TEST PREPARATION - Suggested Practice

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PAGE 200: "Study Guide"

PAGES 201 / 202 / 203: "Review"

- they are ALL good practice questions

PAGE 204: "Practice Test"

- again, ALL good practice questions