Name: te

L.T. AAO: I can use my presumed knowledge Review

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I	can	solve	9 6	ดบล	tio	ns
			-	A run		****

10

8.5

7.5

$$\frac{1.)2x + 8 = 16 - 6x}{1000}$$

$$2.)\frac{4x+6}{9} + 5 = 10$$

$$-5 - 5$$

$$9 \cdot 4 \cdot 4 \cdot 6 - 6$$

$$X = \frac{39}{4} = 9.75$$

3.)
$$(x + 4)(x - 9) = (x + 3)(x + 5)$$

$$\frac{-51}{13} = \frac{13x}{13}$$

$$\frac{-51}{13} = -x$$

$$-\frac{51}{13} = -x$$

$$-\frac{51}{3} = -x$$

$$-\frac{3}{3} = 2 = x$$

I can solve systems

4.)
$$-3x + 2y = 12$$

 $y = 5x - 1$

$$-3x + 2(5x-1) = 12$$

 $-3x + 10x - 2 = 12$
 $7x = 14$
 $x = 2$
 $y = 9$

5.)
$$2y - x = -5$$

 $x = y + 4$

$$2y - y - 4 = -5$$

$$y - 4 = -5$$

$$x = -1$$

6.) Tory solved a system of equations below. Did she do it correctly? How do you know? If she did not, find her errors and solve the system correctly.

$$-2y = -x + 7$$

 $8y = 4x + 10$

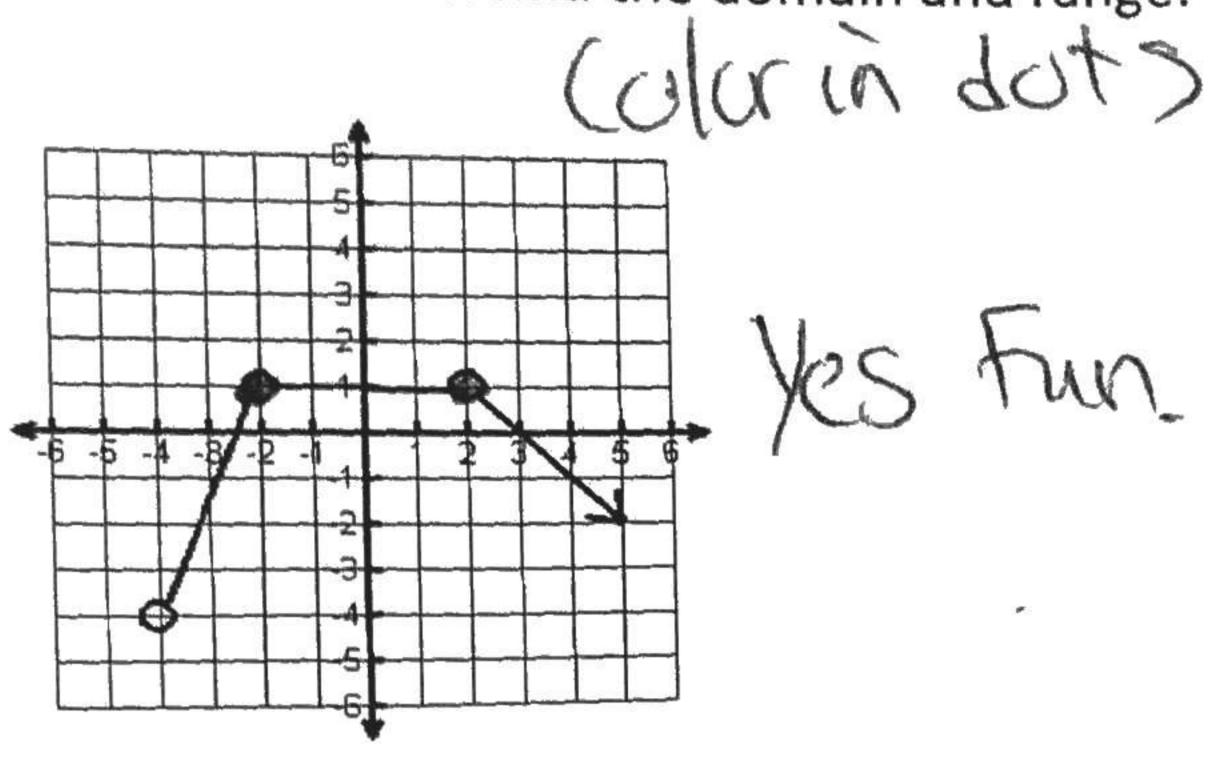
$$-2/=-x+7$$

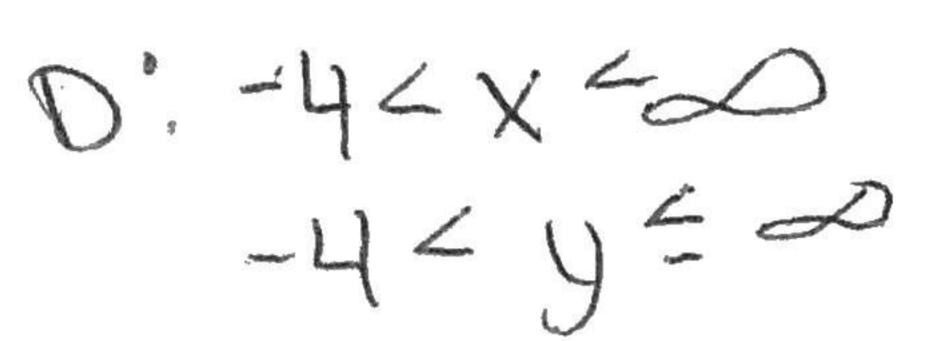
$$-2/=-x+7$$

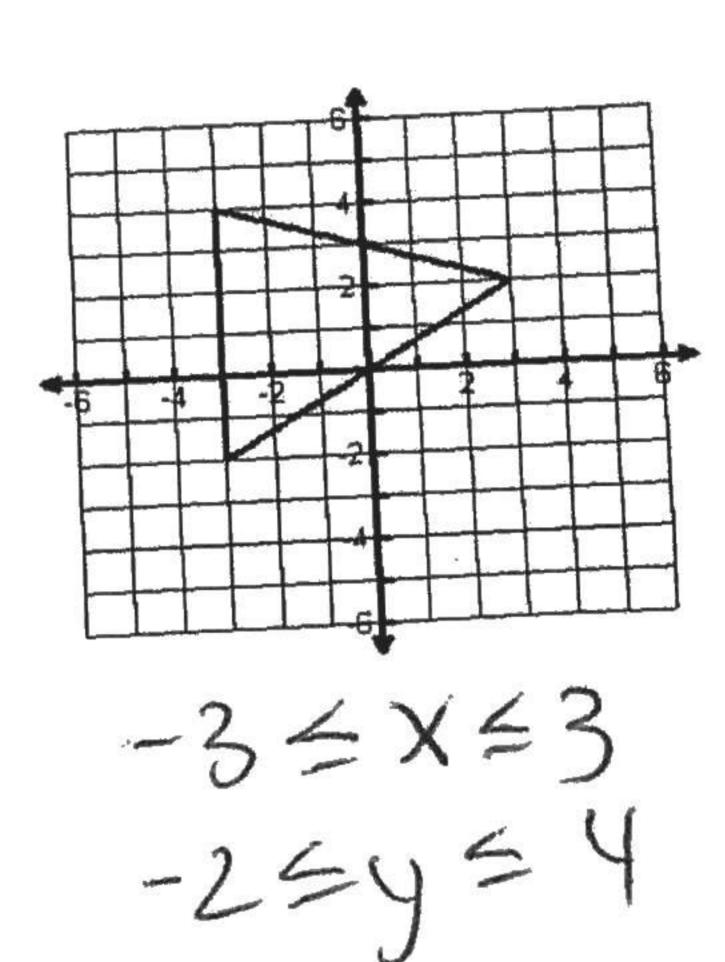
$$-2/=-2/3$$

I can decide whether or not a relation is a function and I can find the domain and range of a relation 7.5

10.) Compare the inputs and outputs of each relation below and decide if the relation is or is not a function. Then find the domain and range.



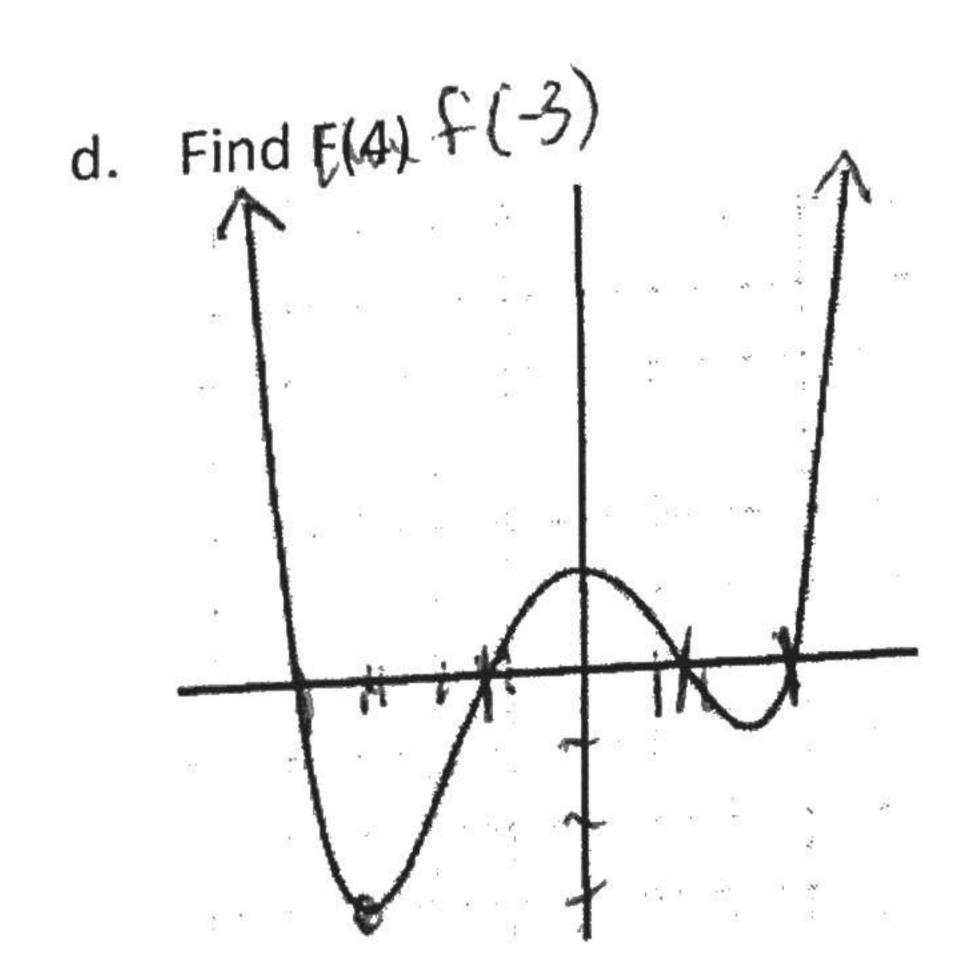




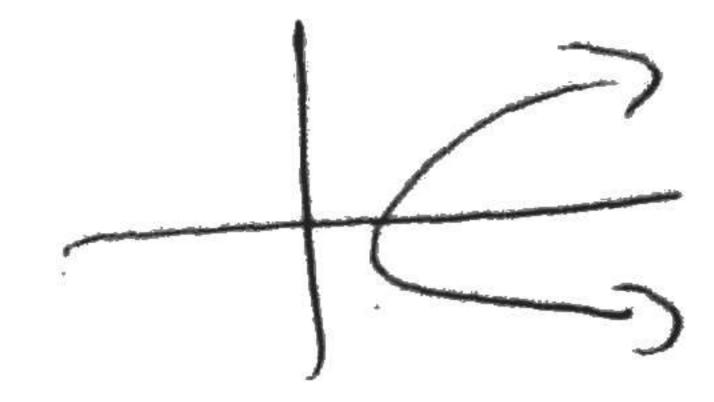
No not functi

- 11.) Examine the graph below and answer the following questions

c. Name any special points (i.e. intercepts, minimums, maximums, etc.) y intercepot)



12.) Sketch the graph of a relation that is not a function. Explain why it is not a function.



I can solve quadratic equations 10 8.5 7.5 5

13.) Examine each quadratic equation below and decide which strategy (Factoring or the Quadratic Formula) is best to try. Write justifications for why you chose each method.

a.
$$0 = 2x^2 - 3x + -20$$

$$b. 0 = 4x^2 + 10x - 25$$

14.) Solve for x:
$$(x + 4)(x^2 + x - 30) = 0$$