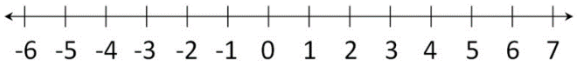
Name:_____ 3.1-2 Day 1 Hmk

1. Factor: -80x - 50 = ____ (_____)

2. Solve and graph: 3x – 5 > 7



3….Substitution: Given the equation y = 2x - 4, if x = (n - 3), write, then simplify the new expression. (use distributing)

y = _____ = _____

4. Solve: -5(2x – 5) = -8x + 29

5. Combine (add) the two equations. 7x - 8y
3x + 8y

what did you get?_____

6. X Puzzle: Think of two numbers that when you multiply them you get 30, and when you add the same numbers, you get 17.

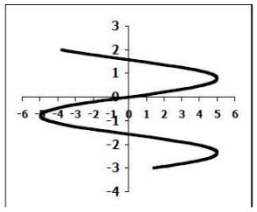
30
_____ and _____
17

7. Solve for y (your answers should be in the form: y = mx + b)

3y – 9x = 12 8x – 2y = 10

<u>FROM TODAY</u>:

8. **yes or no**: Is the graph a function?

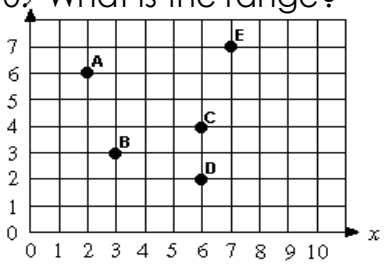


9. What is the domain?

_____

{(, -3, 9), (0, 4), (2, 2), (8, -12)}

10. What is the range?



_____

STAAR Practice: **Cross out one answer choice that is definitely wrong.**

Which expression is equivalent to **2(4x – 5) = 14**

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A. x = 0
B. x = 1
C. x = 2
D. x = 3