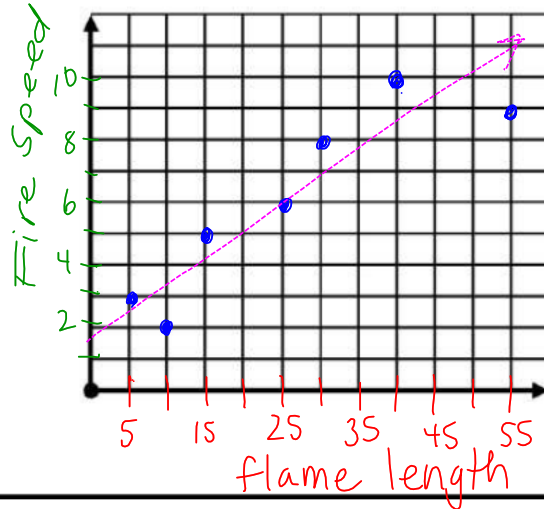


Monday: HW#14A (go to www.khanacademy.org to work on your skills)

1.) Create a scatterplot and labels for the given data and draw a line of best fit.

Flame length (x)	Fire Speed (y)
10	2
40	10
15	5
5	3
55	9
30	8
25	6



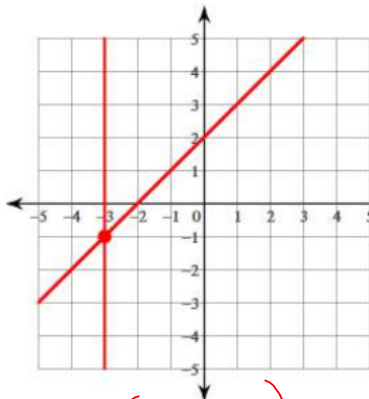
Identify the type of association shown in the data you graphed:

- A.) positive correlation
- B.) negative correlation
- C.) no correlation
- D.) non-linear relationship

Tuesday: HW#14B (go to www.deltamath.com to work on your skills)

Find the solution to the system of equations graphically:

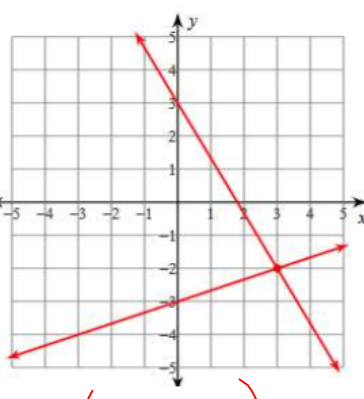
2.)



$(-3, -1)$

point of intersection

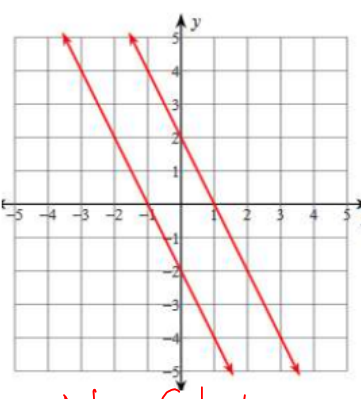
3.)



$(3, -2)$

point of intersection

4.)



No Solution

point of intersection

Wednesday: HW# 14C

Solve the following equations:

5.) $6(3x - 2) + 5x = 57$

$$18x - 12 + 5x = 57$$

$$13x - 12 = 57$$

$$\begin{array}{r} 13x = 69 \\ \hline 13 \quad 13 \end{array} \quad X=3$$

6.) $8(x - 4) = 2(4x - 16)$

$$8x - 32 = 8x - 32$$

Same expression on both sides of the = sign

Infinite Solutions

Thursday: HW# 14D

7. During an experiment, the temperature of a substance increased at a constant rate of three degrees Celsius ($^{\circ}\text{C}$) per hour. Which graph represents this relationship?

