

1) How do you know if a graph shows a proportional relationship? Explain using complete sentences.

2) How do you know if a table shows a proportional relationship? Explain using complete sentences.

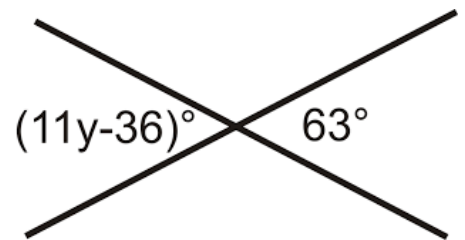
3) How do you know if an equation shows a proportional relationship? Explain using complete sentences.

4) Fill out the table so that the constant of proportionality is 4.

X					
Y					

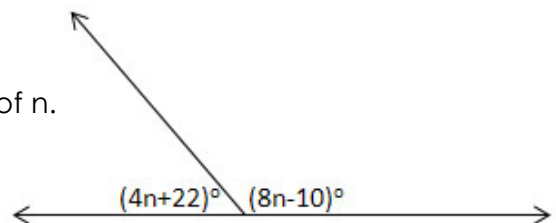
5a) Write an equation you could use to solve for y.

5b) Solve the equation from part a to find the value of y.



6a) Write an equation you could use to solve for n.

6b) Solve the equation from part a to find the value of n.



7) Write the following expressions as addition sentences. Then solve them.

a) $4 - (-8)$

b) $-6 - 12$

c) $-10 - (-8)$

8) Fill in the following blanks:

$$13 + 7 = (\quad) + 9 = (\quad) - 3 = (\quad) + 15 = (\quad)$$

9a) What happens to our brains when we make a mistake?

9b) List 3 mistakes that you have made in this class.

1)

2)

3)

10) Peter Piper picked a peck of pickled peppers. In fact, Peter picked a plethora of pickled peppers. Peter picked so many pickled peppers that his mom told him to stop picking pickled peppers. If Peter picked 20 pickled peppers in 8 minutes, how many pickled peppers could he pick on one hour? Assume Peter picks the same number of pickled peppers every minute.