

Entrance Ticket:

11/1/19

On your paper, show ALL steps in completing the following problems. You have 5 minutes!

1) Simplify: $3a + 7 - 2(3 + a)$

$$\boxed{3a + 7 - 6 - 2a} =$$

$$a + 1$$

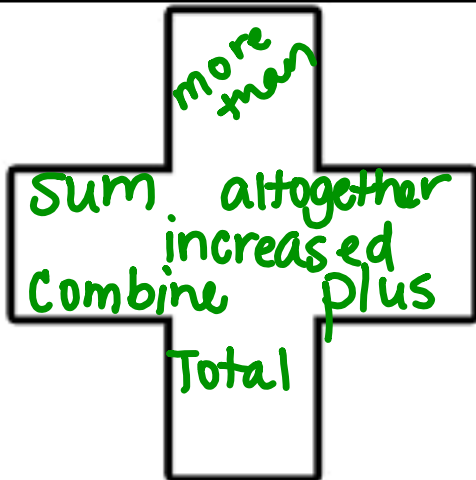
2) Solve:

$$-18 - 6k = 6(1 + 3k)$$

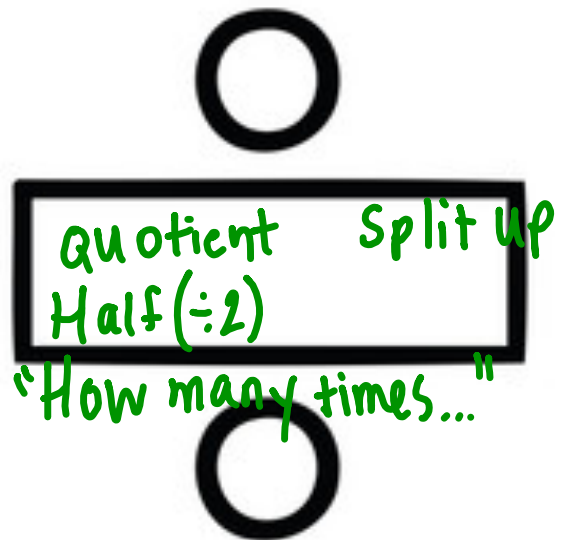
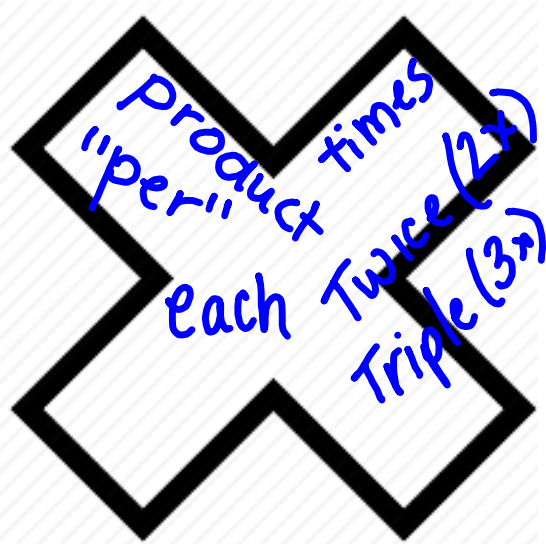
$$\begin{array}{r} -18 - 6k = 6 + 18k \\ + 6k \quad \quad + 6k \\ \hline -18 = 6 + 24k \\ - 6 \quad - 6 \\ \hline -24 = 24k \\ \hline 24 \quad \quad 24 \end{array}$$

$$K = -1$$

D
 Q
 M
 A
 M



diminished Take Away
decreased minus
difference
"Less than" (goes Last!)



6 subtracted from 5 times a ^x#,
the result is 9.

Let
 $x = \text{number}$

$$5x - 6 = 9$$

$$\begin{array}{r} +6 \quad +6 \\ \hline \end{array}$$

$$\begin{array}{r} 5x = 15 \\ \hline 5 \quad - \quad 5 \\ \hline \end{array}$$

$$x = 3$$

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