

December 3, 2014 ^{4th}

Starter

Solve each.

$$\textcircled{1} \quad n + 3 = -5$$

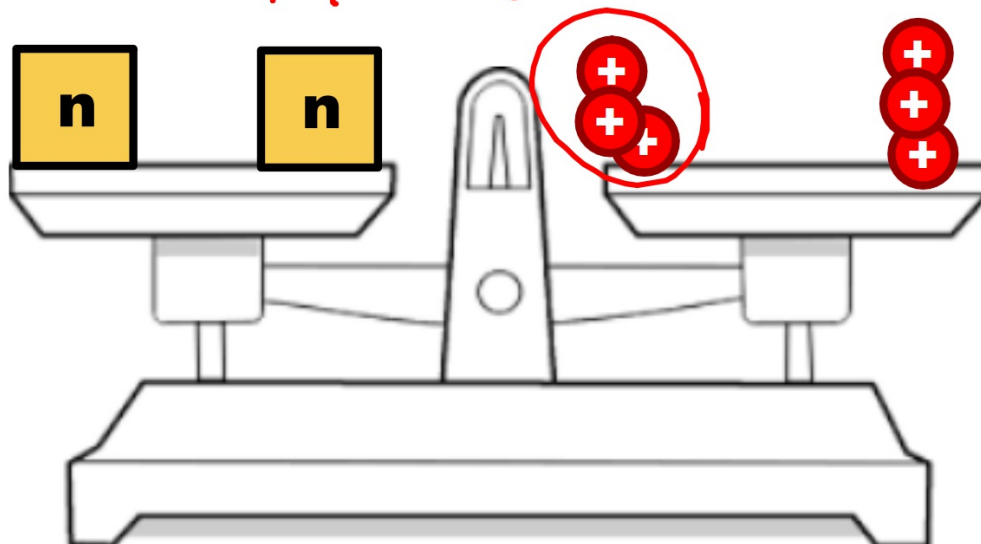
$$\textcircled{2} \quad -14 = r - 20$$

$$\textcircled{3} \quad -7 + v = -1$$

$$\textcircled{4} \quad 9 = 13 - y$$

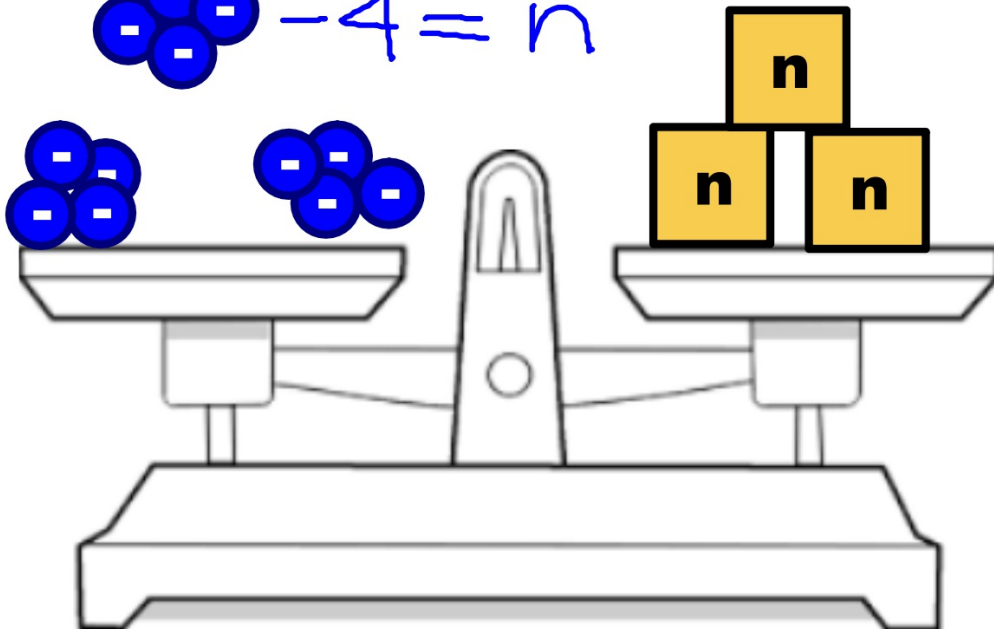
12/3 - Solving One-Step Multiply/Divide Equations with Integers/Decimals

$$\frac{2n}{2} = \frac{6}{2}$$
$$n = 3$$



$$-12 = \cancel{3n}$$

$$-4 = n$$



Solve these...

$$\frac{12c}{12} = \frac{-156}{12}$$

$$c = -13$$

$$\begin{array}{r} 13 \\ 12 \overline{)156} \\ \underline{12} \\ 36 \\ \underline{36} \\ 0 \end{array}$$

$$\frac{-12 \cdot u}{-12} = 45 \cdot -12$$

$$u = -540$$

$$\begin{array}{r} 45 \\ 12 \overline{)540} \\ \underline{48} \\ 60 \\ \underline{60} \\ 0 \end{array}$$

$$\frac{-72}{-8} = \frac{-8m}{-8}$$

$$9 = m$$

Include the negative with the coefficient when you \div

$$23 \cdot -67 = \frac{n}{23} \cdot 23$$

$$-1541 = n$$

$$\begin{array}{r} 67 \\ 23 \overline{)1541} \\ \underline{154} \\ 1 \\ \underline{1} \\ 0 \end{array}$$

And these with decimals...

$$\begin{array}{r} -0.5n = -4 \\ \hline -0.5 \quad -0.5 \\ \hline 8. \quad n = 8 \\ 5 \overline{)40} \end{array}$$

Use () for multiply with decimals

$$\begin{array}{r} \cancel{(-1.1)} \frac{x}{\cancel{-1.1}} = 5.34 \quad (-1.1) \\ x = -5.874 \end{array}$$

$$\begin{array}{r} 5.34 \\ 1.1 \\ \hline 534 \\ 534 \\ \hline 5874 \end{array}$$

$$(3.6) - 4.2 = \frac{r}{3.6} \quad (3.6)$$

$$-15.12 = r$$

$$\begin{array}{r} 4.2 \\ 3.6 \\ \hline 252 \\ 126 \\ \hline 1512 \end{array}$$

$$\begin{array}{r} -2.7 = 0.3k \\ \hline 0.3 \quad 0.3 \\ -9 = k \end{array}$$

$$0.3 \overline{)2.7}$$

Homework

Gold WS3

Due Thursday