

December 3, 2014 ^{1st} _{2nd}

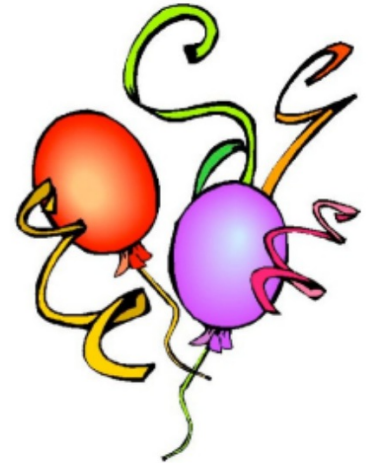
Starter

When Velda asked her grandpa how much money he was going to give her for her birthday, he replied, "oh, **so much**."

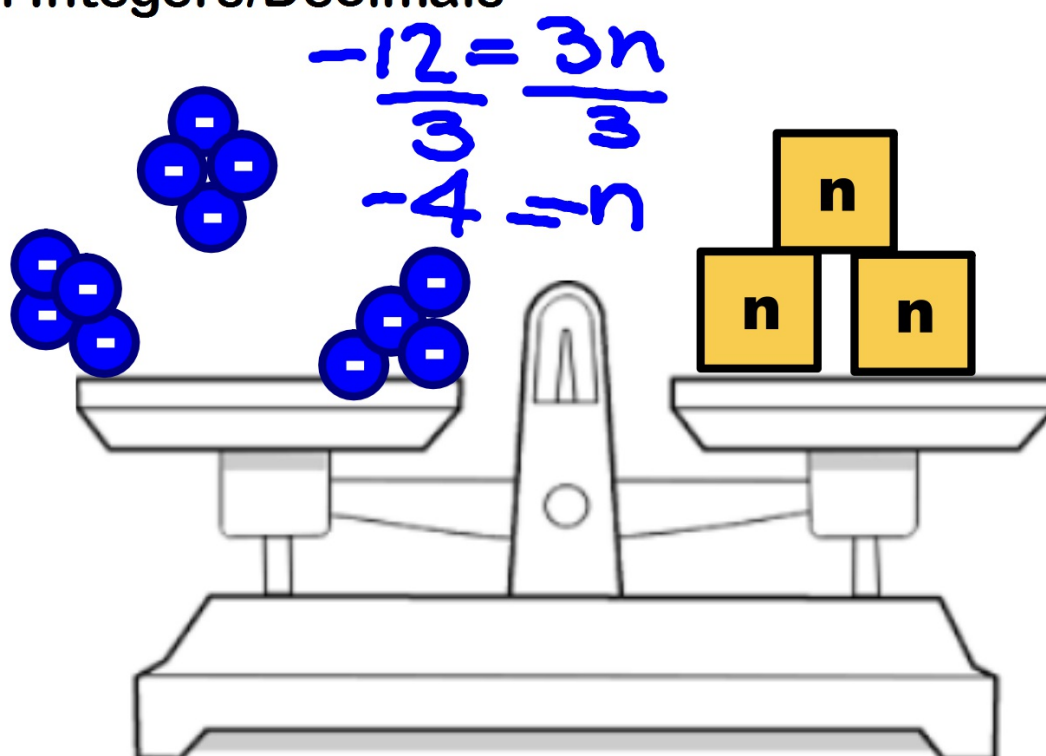
"But how much is '**so much**,'" Velda asked.

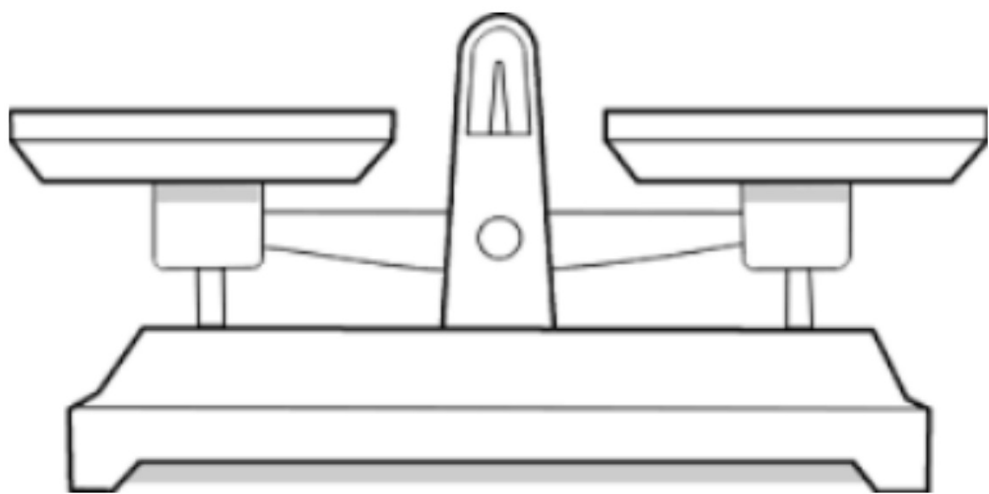
Grandpa said, "If I give you **so much**, plus **so much**, plus half of **so much**, plus $\frac{1}{4}$ of **so much**, plus one dollar, you would have \$100."

How much did Velda get?



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





Solve these...

$$\frac{12c}{12} = \frac{-156}{12}$$
$$c = -13$$

$$-12 \cdot \frac{u}{-12} = 45 \cdot -12$$
$$u = 540$$

$$\frac{-72}{-8} = \frac{-8m}{-8}$$
$$9 = m$$

$$23 \cdot -67 = \frac{n}{23}$$
$$-1541 = n$$
$$\begin{array}{r} 67 \\ 23 \\ \hline 201 \\ 134 \\ \hline 1541 \end{array}$$

And these with decimals...

include the sign when you \times or \div

$$\frac{-0.5n}{-0.5} = \frac{-4}{-0.5}$$

$$n = 8$$

$$0.5 \overline{) 4.0}$$

$$\frac{(-1.1)x}{-1.1} = 5.34 \quad (-1.1)$$

$$x = -5.874$$

$$\begin{array}{r} 5.34 \\ 1.1 \\ \hline 534 \\ 534 \\ \hline 5.874 \end{array}$$

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

$$-15.12 = r$$

$$\frac{-2.7}{0.3} = \frac{0.3k}{0.3}$$

$$-9 = k$$

Use () for multiplying with decimals

$$\begin{array}{r} 4.2 \\ 3.6 \\ \hline 252 \\ 1260 \leftarrow \\ \hline 15.12 \end{array}$$

$$0.3 \overline{) 2.7}$$

Homework

Yellow WS3

Due Thurs.