

November ~~14~~, 2011

30

Get out your homework...pink WS9

$$\begin{array}{r|l} 26) & 4n - 3 = -43 \\ & +3 \quad +3 \\ \hline & 4n = -40 \\ & \underline{4} \\ & n = -10 \end{array}$$

$$\begin{array}{r|l} 20) & -5 = -2 + 3x \\ & +2 \quad +2 \\ \hline & -3 = \cancel{3}x \\ & \underline{3} \\ & -1 = x \end{array}$$

11/30 - Solving 2-Step Equations with Divide

From yesterday...

When there are 2 operations,
save the one connected to the variable for last.

Connected to x

↓ Do this one first

$$\frac{x}{3} - 4 = 9$$

+4 +4

$$\frac{x}{3} = 13 \cdot 3$$

3x = 39

$$10 = -2 + \frac{n}{5}$$

+2 +2

$$5 \cdot 12 = \frac{5}{5} \cdot 5$$

60 = n

TRY THESE...

$$\begin{aligned} 6 + \frac{c}{4} &= -9 \\ -6 & \quad -6 \\ 4 \cdot \frac{c}{4} &= -15 \cdot 4 \\ c &= -60 \end{aligned}$$

$$\begin{aligned} 15 &= \frac{u}{6} - 7 \\ +7 & \quad +7 \\ 6 \cdot 22 &= \frac{u}{6} \cdot 6 \\ 132 &= u \end{aligned} \quad \frac{1}{22} \frac{22}{26} \frac{1}{132}$$

$$\begin{aligned} \frac{a}{-2} + 5 &= -3 \\ -5 & \quad -5 \\ \cancel{2} \cdot \frac{a}{\cancel{2}} &= -8 \cdot -2 \\ a &= 16 \end{aligned}$$

$$\begin{aligned} -8 &= -10 + \frac{m}{-3} \\ +10 & \quad +10 \\ -3 \cdot 2 &= \frac{m}{-3} \cdot -3 \\ -6 &= m \end{aligned}$$

Homework

Pink Worksheet 10

due Thursday