

Warm Up

Solve the equation.

1) $2(3x - 4) = 29$

$$\begin{array}{r} 6x - 8 = 29 \\ +8 \quad +8 \\ \hline 6x = 37 \\ \frac{6x}{6} = \frac{37}{6} \\ \boxed{x = \frac{37}{6}} \end{array}$$

2) $2(x + 5) + 3x = 0$

$$\begin{array}{r} 2x + 10 + 3x = 0 \\ 5x + 10 = 0 \\ -10 \quad -10 \\ \hline 5x = -10 \\ \frac{5x}{5} = \frac{-10}{5} \quad \boxed{x = -2} \end{array}$$

3) $10 = 8 - 2x$

$$\begin{array}{r} -8 \quad -8 \\ \hline 2 = -2x \\ \frac{2}{-2} = \frac{-2x}{-2} \\ \boxed{-1 = x} \end{array}$$

4) $\frac{x}{4} + 1 = 10$

$$\begin{array}{r} -1 \quad -1 \\ \hline 4 \cdot \frac{x}{4} = 9 \cdot 4 \\ \boxed{x = 36} \end{array}$$

Homework Questions?

$$4) \quad \frac{\text{X}}{4} + 6 = -12 ; \quad \text{(-24)}$$

$$\frac{-24}{4} + 6 = -12$$

$$-6 + 6 = -12$$

$$0 = -12$$

NO

$$\underline{19)} \quad -4 = -\frac{1}{2}x + 3$$
$$\quad \quad \quad -3 \quad \quad \quad -3$$

$$\frac{2}{1} \cdot -7 = \frac{1}{2}x \cdot \frac{2}{1}$$

$$\boxed{-14 = x}$$

On the top of your paper (by your name) rate yourself for this section:

4 - I can summarize the concepts and explain it to others

3 - I can apply the concept to answer questions correctly

2 - I can apply the concepts but with some mistakes

1 - I need help and know how to apply the concept

0 - I can't apply the concept, even with help

Rating of 0-2 is a warning signal to me that you need help

Take out a Piece of Paper

- On top put your Name and Hour
- Label it 3.3 Quiz Review
- Open your book to p.149

3.3 Quiz Review

p.149 #9-14

3.3 Quiz

- Clear your desk for everything EXCEPT...
 - > Notes, Calculator, Pencil

When Done...

CHECK your Work (plug in answer to original with calculator and make sure it works)

*Turn into basket

*Grab ***Coloring Activity*** wkst on table (HW)