

Warm Up

In your savings account you have \$100. You are depositing \$20 per week to save up for a Play Station 4, which costs \$300. Write and solve an equation to find out how many weeks it will take you to save enough money.

$$m = 20w + 100$$

$$\begin{array}{r} 300 = 20w + 100 \\ - 100 \quad - 100 \\ \hline \end{array}$$

$$\begin{array}{r} 200 = 20w \\ \hline 20 \end{array}$$

$$w = 10 \text{ weeks}$$

Homework Questions?

$$28) \quad 3(x - 2y) = -12(x + 2y)$$

$$\begin{array}{r} 3x - 6y = -12x - 24y \\ +6y \quad +6y \end{array}$$

$$\begin{array}{r} 3x = -12x - 18y \\ +12x \quad +12x \end{array} \quad y = \frac{-5}{6}x$$

$$\begin{array}{r} 15x = -18y \\ -18 \quad -18 \end{array}$$

$$\frac{15 \div 3}{-18 \div 3} x = y$$

$$\begin{array}{l}
 \underline{22} \quad \frac{1}{4}y + 3 = -5x \\
 \quad \quad \quad -3 \quad \quad -3 \\
 \frac{4}{1} \cdot \frac{1}{4}y = (-5x - 3) \cdot \frac{4}{1} \\
 \boxed{y = -20x - 12}
 \end{array}$$

$$\begin{array}{l}
 \underline{32} \quad 4(5-y) = 14x + 3 \\
 20 - 4y = 14x + 3 \\
 \quad \quad -3 \quad \quad -3 \\
 \underline{17 - 4y = 14x} \\
 \quad \quad \quad 14 \quad \quad \quad 14 \\
 x = \frac{17}{14} - \frac{4}{14}y \\
 \boxed{x = \frac{17}{14} - \frac{2}{7}y}
 \end{array}$$

y	
-2	
-1	
0	
1	

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

Quiz-Quiz Trade

- *Take out a sheet of paper
 - > Put your **Name & Hour** in the top right corner
 - > Label it **Ch.3 Quiz-Quiz-Trade**

$$41) \quad \frac{3x}{3} = \frac{12}{3}$$

$x = 4$

*NUMBER every problem you do

*SHOW YOUR WORK

*Need to do AT LEAST 10

(Due By END OF THE HOUR)

When Finished...

- Turn in to basket
- Grab your HW (on table)
 - > Ch.3 REVIEW & Word Problem Review

****Reminder: Ch.3 Test TOMORROW
(Missing Work DUE Tomorrow)***

When Finished...

- Turn in to basket
- Grab your HW (on table)
 - > Ch.3 REVIEW & Word Problem Review
(Staple Together)

****Reminder: Ch.3 Test TOMORROW
(Missing Work DUE Tomorrow)***

Ch.3 Review : p.190 # 2-30 even
EC