OCTOBER 10, 2011

WARM-UP:

3 solving 1-step equations

Get out your homework from ~~Thursday~~ Wednesday

Page 119 #20-62 evens

Questions???

50) $6 - y = -3$

$-6 \quad -6$

$-y = -9$

$y = 9$

56) $t - \frac{3}{5} = \frac{1}{2} \quad \frac{5}{10}$

$+\frac{3}{5} \quad +\frac{3}{5} \quad \frac{6}{10}$

$t = \frac{11}{10} = 1\frac{1}{10}$

10/10 - Solve One-Step Multiply/Divide Equations

Remember to keep things balanced at all times!

What can be done that keeps the equation balanced:

1. Multiply both sides by the same #.
2. Divide both sides by the same #.
3. Change the signs of both sides
4. Exchange sides

Solve each equation.

$\frac{6k}{6} = \frac{-24}{6}$

$k = -4$

$\frac{-42}{3} = \frac{3x}{3}$

$-14 = x$

$\frac{-56}{-7} = \frac{-7y}{-7}$

$8 = y$

Solve each equation.

$\frac{c}{3} = -8$ · 3

$c = -24$

$\frac{v}{-4} = 12$ · −4

$v = -48$

$-21 = \frac{u}{-2}$ · −2

$42 = u$

Solve these equations:

Work with your partner

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

$-13 = n$

$$-11 \cdot 45 = \frac{m}{-11} \cdot -11$$

$-495 = m$

$11 \cdot 24 = 264$

$11 \cdot 36 = 396$

$11 \cdot 65 = 615$

$= 715$

Homework:

Worksheet Pink #1-20 all

due tomorrow