

Warm Up**Week 6**

Find and fix the error in the following problems.

$$1) \frac{9}{4} \cdot \frac{4}{7} x = 28 \cdot \frac{9}{4}$$

$$x = \frac{126}{7} = 18$$

$$x = 46$$

$$2) x - (-2) = -14$$

$$x + 2 = -14$$

$$-2 \quad -2$$

$$x = -16$$

$$3) \frac{-20x}{-20} = \frac{100}{-20}$$

$$x = 5$$

$$4) 12 = x + 2$$

$$-2 \quad -2$$

$$10 = x$$

Homework Questions?

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$$\frac{2}{3}(x+8) = 8$$

$$\frac{2}{3}x + \frac{16}{3} = 8$$

$$-\frac{16}{3} \quad -\frac{16}{3}$$

$$\frac{2}{3} \cdot \frac{3}{2} x = \frac{10}{3} \cdot \frac{3}{2}$$

$$x = 4$$

$$16 \left\} \frac{3}{4}(x+6) = 12 \quad \frac{18 \div 2}{4 \div 2} = \frac{9}{2}$$

$$\frac{3}{4}x + \frac{9}{2} = 12$$

$$\begin{array}{r|l} -\frac{9}{2} & -\frac{9}{2} \\ \hline \end{array}$$

$$(3 \cdot 4) \cdot 6 \quad \cancel{3} \cdot \frac{\cancel{3}}{4} x = \frac{5 \cdot \cancel{3}}{\cancel{2}} \cdot \frac{\cancel{4}}{1}$$

$$x = 10$$

$$38 \left\} \frac{1}{4}(t+10) = 5$$

$$\frac{1}{4}t + \frac{10}{4} = 5$$

$$\begin{array}{r|l} -\frac{10}{4} & -\frac{10}{4} \\ \hline \end{array}$$

$$\cancel{4} \cdot \frac{\cancel{4}}{4} t = \frac{5}{2} \cdot \frac{4}{1}$$

$$t = \frac{20}{2} \quad t = 10$$

22)

$$3g - 1 = 8$$

+1 +1

$$\frac{3g}{3} = \frac{9}{3}$$
$$g = 3$$

$$5w + 2w = 77$$
$$\frac{7w}{7} = \frac{77}{7}$$
$$w = 11$$

$$9t - 15t = -18$$
$$\frac{-6t}{-6} = \frac{-18}{-6}$$
$$t = 3$$

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$$x - 2(3x - 2) = -6$$

$$x - 6x + 4 = -6$$

$$-5x + 4 = -6$$

$$\frac{-5x = -10}{-5} \quad x = 2$$

Reflection Sheet Notes

(did on doc cam)

3.3 Homework

3.3 Practice A worksheet

SHOW WORK on SEPARATE SHEET

#1-6, 7-29 odd