3.5 Notes
"Ratios and Proportions"

Tell whether the ratio in simplest form.
If NOT, write it in simplest form:

1. 8 to 12,   8:12   or $\dfrac{8}{12}$

2. 5 to 6   3. 6:2

Solve the proportion……

4. $\dfrac{1}{2} = \dfrac{x}{14}$

5. $\dfrac{y}{6} = \dfrac{15}{9}$

6. $\dfrac{8}{2.5} = \dfrac{d}{0.5}$

Write the sentence as a proportion and solve…

7. 5 is to 10 as x is to 48.

8. d is to 4 as 32 is to 56.

Word Problem Practice.......

9. 30 students surveyed to see what their favorite ice cream was:

a. find the ratio of chocolate
   to total surveyed.

Chocolate	Vanilla	Other
8	6	

b. find the ratio of non-chocolate to the total.

c. What is the ratio of chocolate to "other"?

HOMEWORK
3.5
Worksheet