

## Math 7H - Unit 3

### Day 2 - Unit Rate Application

#### Lesson Objectives:

- I can find and compute unit rates associated with ratios of fractions.

Which mix makes the most "orangey" juice?

<b>Mix A</b> 2 cups concentrate    3 cups cold water $\frac{2}{3} = 0.66 \text{ cups concentrate per 1 cup water}$	<b>Mix B</b> 5 cups concentrate    9 cups cold water $\frac{5}{9} = 0.56 \text{ cups concentrate per 1 cup water}$
<b>Mix C</b> 1 cup concentrate    2 cups cold water $\frac{1}{2} = 0.5 \text{ cups concentrate per 1 cup water}$	<b>Mix D</b> 3 cups concentrate    5 cups cold water $\frac{3}{5} = 0.6 \text{ cups concentrate per 1 cup water}$

Peter is at the store and decides that he wants something sweet. When he goes to the candy aisle, he decides he either wants an almond joy or a Milkyway candy bar. The Almond joys are on sale for 50 cents each. The Milkyways are on sale 3 for a dollar. Which is the better buy? Would your decision change if Milkyways cost 65 cents each unless three were purchased together?

$$\begin{array}{cc}
 \frac{AJ}{\$0.50} & \frac{MW}{\$0.33} \\
 & \frac{AJ}{\$0.50} \\
 & \frac{MW}{\$0.65}
 \end{array}$$

## Homework

### Cheesy Goldfish WKS

\* Individual Think Time \*



What to do if you get stuck...

- Reread the problem. Did you write it down correctly?
- Reread your notes. Is there a problem similar that we did together in class?
- Find a problem similar in your book. Try this one to see if it helps.
- Skip the problem until the end of Individual Think Time. Then ask an "educated" question of a neighbor or Mrs. Call.

Today we're working by...

