Prealgebra:
Solving Ratio and Proportion Problems

Name: _____

Solve for x:

1.) $\dfrac{x}{5} = \dfrac{35}{7}$

2.) $\dfrac{7}{x} = \dfrac{135}{8}$

When solving ratio word problems, do the following

1.)

2.)

3.) LeBron James scores 16 of the Cavs' first 24 points. If this trend continues, how many points will LeBron score if the Cavs finish with 84 points?

4.) If Alex Rodriguez hits 7 home runs in his first 24 games, how many home runs would we expect him to hit throughout the year? (if this trend continues..)

5.) Mr. Hamilton counts 25 cars drive past CHS in a span of 40 minutes. How many cars would Mr. Hamilton expect to see if this trend continues for 480 minutes?

6.) At the Canfield Fair, Sally sees 5 friends in 18 minutes. How many friends would Sally expect to see in 240 miuntes?