

Ratios Quiz on Friday 09/30
Study Guide

1. Can you write a given ratio three ways? Example: The recipe for a juice mix is 3 cups of concentrate for every 1 cup of water. Write the ratio of cups of concentrate to cups of water three different ways.

2. Can you read a table to solve problems and find ratios?

Example:

Which grade has the greatest ratio of students who prefer pizza to total number of students surveyed in that grade?

Food Preference Survey			
	6th Grade	7th Grade	8th Grade
pizza	10	18	20
salad	30	22	22
other	10	5	18

Write 3 different ratios with the information given in the table.

3. Can you determine if a given ratio is part to part or part to whole?

Example:

For every 6 students, 1 did not do their homework p:p or p:w

For every 1 tricycle, there are 3 wheels p:p or p:w

4. Can you simplify ratios to their lowest form?

Example: 48: 16 39:26 12: 42

5. Can you find unit rates/unit price to solve problems?

Example: Your cable bill is \$104 for 26 TV channels. What is the unit price for each channel?

6. Can you find the missing numbers in a ratio table?

		21	28
13	26	39	

Teach to a family member over 12yr old; get a signature from parent: _____