

Name: _____ Class: _____

1. Write the ratio *20 students to 5 computers* as a unit rate. Create a table to show how many computers 32 students will have.

Students	20	32	36	48	60
Computers	5				

- a. Determine whether the ratio of students to computers is in proportional relationship, explain how you know!
- b. What is the constant of proportionality?
- c. Write the equation to represent the information in the table.
- d. Identify the unit rate!

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2. Luz earns \$400 for 40 hours of work. Create a ratio table to determine how much she earns for 6 hours of work.

Money Earned		\$400			
Hours		40	45	50	55

- a. Determine whether the ratio of money earned to hours worked is in proportional relationship, explain how you know!
- b. What is the constant of proportionality?
- c. Write the equation to represent the information in the table.
- d. Identify the unit rate!

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3. Create a graph to represents the price of the bananas at one store.

Price (y)			\$1.00	\$1.50		
Pounds (x)	1	2	4	6	8	10

1. Find the unit rate.
2. Determine whether the ratio of price to pounds is in proportional relationship, explain how you know!
3. Use the table to create a graph with the given ratios.
4. What is the constant of proportionality?

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Fill in the ratio table; be sure to label all parts.

Find the unit rate for driving 168 miles in 6 hours. Use the unit rate to find the distance that could be driven in 7 hours. Create a table to represent the information.

1. The unit rate is _____.
2. At this rate, _____ miles can be driven in 7 hours.
3. Use the data to create a table to find out how many miles could be driven in 14 hours.