

Name _____ Period _____ Date _____

Rates and Ratios 1

1. The ratio of goldfish to gallons of water is 7 to 2.
 - a. For every _____ goldfish, there are _____ gallons of water.
 - b. How many goldfish can you get if you have 16 gallons of water?
 - c. How many gallons of water do you need to keep 28 fish?
2. The price of apples is 3 for \$2.00.
 - a. For every _____ apples, you pay _____.
 - b. How much do you pay for 30 apples?
 - c. How many apples can you buy for \$10?
3. You are taking a test in science. There are 20 questions and 45 minutes.
 - a. For every _____ questions, you have _____ minutes.
 - b. How much time do you have for 10 questions?
 - c. How much time do you have for 5 questions?
 - d. How much time do you have for 1 question?
4. All of the following rectangle's width to length ratio is 2 to 3. Fill in the missing lengths. (Hint: The width is the shorter side; the length is the longer side.)
 - a. For every _____ inches in the width, there are _____ inches in the length.



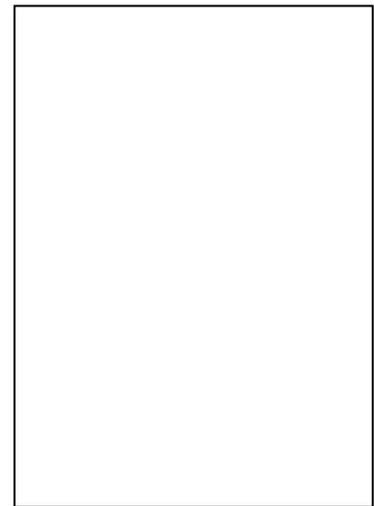
2 inches



4 inches



6 inches



8 inches

Name ANSWER KEY Period _____ Date _____

Rates and Ratios 1

1. The ratio of goldfish to gallons of water is 7 to 2.
 - a. For every 7 goldfish, there are 2 gallons of water.
 - b. How many goldfish can you get if you have 16 gallons of water? **56 fish**
 - c. How many gallons of water do you need to keep 28 fish? **8 gallons**

2. The price of apples is 3 for \$2.00.
 - a. For every 3 apples, you pay \$2.00.
 - b. How much do you pay for 30 apples? **\$20.00**
 - c. How many apples can you buy for \$10? **15 apples**

3. You are taking a test in science. There are 20 questions and 45 minutes.
 - a. For every 20 questions, you have 45 minutes.
 - b. How much time do you have for 10 questions? **22.5 questions**
 - c. How much time do you have for 5 questions? **11.25 questions**
 - d. How much time do you have for 1 question? **2.25 questions**

5. All of the following rectangle's width to length ratio is 2 to 3. Fill in the missing lengths. (Hint: The width is the shorter side; the length is the longer side.)
 - a. For every 2 inches in the width, there are 3 inches in the length.

