

6th Grade Math Common Assessment: Chapter 7

Name: _____ Date _____

6.RP.1

1.) A punch bowl contained 2 liters of 7-UP, 1 liter of orange juice, and 1 liter of raspberry juice. **Select all the true statements.**

- A. The ratio of the 7-UP to the entire punch bowl is 1 to 4.
- B. The ratio of orange juice to 7-UP is 2 to 1.
- C. The ratio of the juices to the 7-UP is 2 to 2.
- D. The ratio of the entire punch bowl to the juices is 2 to 4.
- E. The ratio of the orange juice to the raspberry juice is 1 to 1.

6.RP.1

2.) In Ken's meatball recipe, for every 5 cups of bread crumbs, 9 pounds of ground beef are used. **Write this ratio using a fraction and label the numbers in the fraction.**

6.RP.2

3.) A 5-pound bag of cat food costs \$11.25. **What is the unit price of the cat food in dollars per pound? Show work.**

- A. \$0.44 per pound
- B. \$2.25 per pound
- C. \$6.25 per pound
- D. \$56.25 per pound

6.RP.2 and 6.RP.3

- 4.) An online game company offers a package that includes 2 games for \$11.98. They also offer a package that includes 5 games for \$24.95. **Show your work.**

Which package is a better deal? Explain.

6.RP.3b

- 5.) Which of the rates shown here correspond to a unit rate of \$6 per sandwich?
(Remember there can more than one answer)
- A. Spending \$42 to buy 7 sandwiches
 - B. Spending \$108 to buy 18 sandwiches
 - C. Spending \$40 to buy 5 sandwiches
 - D. Spending \$100 to buy 16 sandwiches
 - E. Spending \$42 to buy 6 sandwiches

