

6<sup>th</sup> 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.

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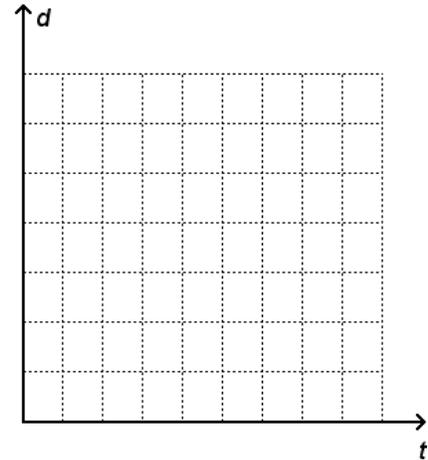
6.RP.3b

- 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

6.RP.3 a.b and 6.NS.6b

6.) A plane was traveling at a constant speed and went 32 miles in 8 hours. Make a table of four pairs of distance and time. Then use your table to create a graph of distance versus time

Distance (mi)				
Time (hr)				



6.RP.3c

7.) A 15% tip on a dinner bill is \$2.55. How much is the dinner bill?

- A. \$0.17
- B. \$0.38
- C. \$17.00
- D. \$38.25

6.RP.3c

8.) Write the given decimal as a simplified fraction and percent.

- a.) 0.057      \_\_\_\_\_      \_\_\_\_\_
- b.) 0.365      \_\_\_\_\_      \_\_\_\_\_