

Name _____ Date _____ Period _____

Unit Rate

1. What is a unit rate?

For questions 2-6, find the unit rate.

2. \$67.50 for 6 CDs

4. 48 students and 3 teachers

3. 216 miles in 4 hours

5. 57 words in 6 minutes

6. \$7.65 for 3 boxes of cereal

7. Which speed is *not* equivalent to 55 mi/h?

a. $\frac{110 \text{ mi}}{2 \text{ h}}$

c. $\frac{385 \text{ mi}}{7 \text{ h}}$

b. $\frac{265 \text{ mi}}{6 \text{ h}}$

d. $\frac{550 \text{ mi}}{10 \text{ h}}$

8. Pam goes to the grocery store to buy orange juice. She can either buy 2 quarts for \$2.78 or 1.5 quarts for \$2.25. Which is the better buy?

9. Albertson's is having a special on Apple Crunch Cereal. You can either buy a 17 ounce box for \$3.40 or a 14 ounce box for \$3.08. Which would you choose? Why?

10. There are 275 students going on a field trip to the Alamo. The schools must have a student-teacher ratio that is less than or equal to 15 students to 1 teacher. What is the least number of teachers needed?

a. 16 teachers

c. 18 teachers

b. 17 teachers

d. 19 teachers