

COMPARING UNIT RATES: WORD PROBLEMS

Directions: Use what you know about unit rates to answer each question.

1 Park City Bakery sells blueberry muffins for \$2.19 each. Hill Street Grocers sells a 4-pack of blueberry muffins for \$8. Which is the better deal?

2 At Wednesday's practice, McKenzie ran a mile in 9 minutes. At Saturday's track meet, she ran 2 miles in 19 minutes. On which day did McKenzie run at a faster rate?

3 At Soap Sudz Laundromat, Bryce pays \$2.50 per load of laundry. If he buys a loyalty card, he can wash 5 loads of laundry for \$11.50. Which is the better deal?

4 Adriana and Kari are at swim team practice. Adriana swims 200 yards in 5 minutes. Kari swims 350 yards in 7 minutes. Who swims at a faster rate?

5 Maleeha buys 3 identical packs of pens at Office Superstore for \$8.55. The next day, she sees an advertisement for the same pens at Plenty O' Paper. The ad says the pens are \$2.79 per pack. Which is the better deal?

6 Pizzarelli's Pizzeria uses 9 cups of flour to make the dough for 4 pizza crusts. Antoni's Pizza uses 15 cups of flour to make the dough for 6 pizza crusts. Which restaurant uses more flour per pizza crust?

7 A 20-ounce box of Cocoa Crumble cereal costs \$4.60. The 28-ounce family size box of Cocoa Crumble costs \$5.88. Which is the better deal?

8 A 12-visit pass for Wickhills Town Pool costs \$66. A 20-visit pass for Linwood Street Pool costs \$115. Which pool costs more per visit?

9 Carmen and her dog, Duke, walk 5 blocks in 8 minutes. Terrell and his dog, Lady, walk 8 blocks in 12 minutes. Who walks at a slower rate? How long would it take that person to walk 12 blocks?

10 Samir buys 3 pounds of peaches for \$5.16. He buys 5 pounds of apples for \$7.20. Which fruit costs less per pound? How much would it cost for 4 pounds of that fruit?