Unit Rate Word Problems

Answer each question. Use what you know about unit rates!

1 Wyatt scored 104 points in a trivia game. He correctly answered 26 questions during the game. How many points did he score per question?

  4 points per question

2 Jillian is about to go on a road trip. She puts 14 gallons of gas in her car. She pays $31.36 for the gas. How much does the gas cost per gallon?

  $2.24 per gallon

3 Kaden is making loaves of banana bread. He makes 4 loaves of banana bread, and he uses 9 cups of flour in all. How much flour does he use per loaf?

  $2\frac{1}{4}$ or 2.25 cups per loaf

4 At Grab & Go Grocery, you can buy 4 yogurt cups for $5. If the unit price stays the same, how much would it cost to buy 10 yogurt cups?

  $12.50 for 10 yogurt cups

5 Jeremiah wants to send some of his shirts to a dry cleaner. He usually takes his shirts to Spot-Less Dry Cleaners, where he pays $4.50 per shirt. He sees a sign at No Mess or Stress Dry Cleaners that says it's $21.00 to have 4 shirts cleaned. Which is the better deal?

  Spot-Less Dry Cleaners

6 Lisa and Marie are both on the track team. During practice, Lisa ran 10 laps around the track in 18 minutes. Marie ran 8 laps around the track in 14 minutes. Who ran at a faster rate? If each runner continues at her same pace, how long would it take each one to run 15 laps?

  Marie ran at a faster rate. It would take Lisa 27 minutes to run 15 laps. It would take Marie $26\frac{1}{4}$ or 26.25 minutes to run 15 laps.