

1B Select and use appropriate forms of rational numbers to solve real-life problems including those involving proportional relationships

1. The Student Council Sidewalk Sale featured used compact discs on sale at 3 discs for a total of \$7.50. What would it cost to purchase 12 compact discs?

 - A \$18.75
 - B \$19.50
 - C \$22.50
 - D \$30.00
2. A commuter train travels 7 to 9 miles every 10 minutes, including the time required for regular stops. If Linda rides 45 miles to work on this train, which is a reasonable total time she should allow for the ride?

 - A 25 min
 - B 35 min
 - C 55 min
 - D 90 min
3. A car is traveling at an average speed of 62 miles per hour. At this rate of speed, which is the best *estimate* of how long it will take the car to travel 425 miles?

 - A 5 h
 - B 6 h
 - C 7 h
 - D 8 h
4. A recipe requires $2\frac{1}{2}$ to 3 pounds of chicken to serve 4 people. Emma has $9\frac{1}{2}$ pounds of chicken. Which is the best estimate of the number of people that she can serve if she follows that recipe?

 - A 6
 - B 12
 - C 20
 - D 24