

11C Select or develop and appropriate problem-solving strategy

1. On a recent business trip, Mr. Ferguson drove 420 miles. What other information do you need to determine his average speed?
 - A The cost of gas
 - B The length of the trip
 - C How long he took to drive 420 miles
 - D The type of car he drove on the trip
2. Melinda bought 3 CDs. The sales tax rate was 8.25%. What else do you need to know to figure the total cost of her purchase?
 - A The store where she bought the CDs
 - B The amount she paid the cashier
 - C The types of CDs she bought
 - D The cost of each CD
3. Ben bought 5 packages of pencils. Each box contained 6 pencils and cost \$2.50. Which expression could be used to determine the total cost of his purchase?
 - A $5 \times 6 \times 2.50$
 - B 6×2.50
 - C 5×2.50
 - D $5 + 6 + 2.50$
4. In a football game, the Greyhounds scored 3 touchdowns worth 6 points each, 2 field goals worth 3 points each, and 2 extra points worth 1 point each. Which expression could be used to find the total points scored by the Greyhounds?
 - A $(3 \times 6) \times (2 \times 3) \times (2 \times 1)$
 - B $(3 \times 6) + (2 \times 3) + (2 \times 1)$
 - C $(3 \times 6) \div (2 \times 3) \div (2 \times 1)$
 - D $(3 + 6) \times (2 + 3) \times (2 + 1)$