1. Craig went bowling with $25 to spend. He rented shoes for $5.25 and paid $4.00 for each game. What was the greatest number of games Craig could have played?

2. Sammy drew a rectangle that was w inches wide. The expression $2(2w) + 2(w)$ represents the perimeter of the rectangle that Sammy drew. Which statement relates the perimeter to the width of the rectangle? Explain your reasoning.

a) The perimeter is 6 inches more than the width.
b) The perimeter is 6 times the width.
c) The perimeter is 2 inches more than the width.
d) The perimeter is 2 times the width.

3. The cost of oranges in a grocery store is directly proportional to the number of oranges purchased. Jerri paid $2.52 for 6 oranges. If p represents the cost, in dollars, and n represents the number of oranges purchased, write an equation to represent this relationship?

4. Suzanne bought a sweater at the sale price of $25. The original cost of the sweater was $40. What percent represents the discount that Suzanne received when buying the sweater?

5. The probability of an event is 1. Which word describes the probability?

a) Certain
b) Impossible
c) Likely
d) Unlikely

6. Patrick read 20 pages of his book in 4 hours. Todd read 25 pages in 5 hours. Did both boys read at the same rate? Justify your response.

7. Chris used 45 feet of fencing to enclose a circular garden. What is the approximate radius of the garden? (Hint: Use the formula $C = \pi D$).

8. A store sells sheet music at a markup of 6%. If the price paid by the store for sheet music is *x*, write an expression that shows the amount the customer will pay.