2-9 Standardized Test Prep

Percents

Multiple Choice

For Exercises 1–5, choose the correct letter.

1. What percent of 92 is 23?

A. 0.25% **B.** 4% **C.** 25% **D.** 400%

2. 60% of a number is 66. Which proportion best represents this relationship?

F. $\frac{66}{b} = \frac{60}{100}$ **G.** $\frac{a}{66} = \frac{60}{100}$ **H.** $\frac{60}{b} = \frac{66}{100}$ **I.** $\frac{60}{66} = \frac{b}{100}$

3. A store is having a clearance sale where merchandise on the sales racks is reduced by 80% from the original price. If a jacket was originally priced at $76, what is the sale price?

A. $15.20 **B.** $24.20 **C.** $60.80 **D.** $72.40

4. If you deposit $3000 in a savings account that earns simple interest at a rate of 2.5% per year, how much interest will you have earned after 4 years?

F. $30 **G.** $300 **H.** $3000 **I.** $30,000

5. Five years ago you deposited a sum of money into a savings account which has earned $150 in interest. The interest rate for the account is 3% simple interest per year. How much money was originally deposited in the account?

A. $22.50 **B.** $100 **C.** $1000 **D.** $10,000

Short Response

6. There are 3200 students at Martinsville High School. There are 575 students involved in athletics during the spring athletic seasons. What proportion represents the percent of students not involved in athletics during the spring season? What percent of students is not involved in athletics?