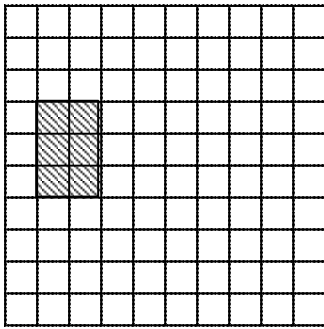# Percent Practice Test

Multiple Choice
Identify the choice that best completes the statement or answers the question.

_____ 1. Write 76% as a decimal.
   a. 7.6   b. 0.76   c. 0.076   d. 76

_____ 2. Write $\frac{6}{25}$ as a percent.
   a. 18%   b. 4%   c. 12%   d. 24%

_____ 3. Write 0.38 as a percent.
   a. 3.8%   b. 38%   c. 0.038%   d. 0.38%

_____ 4. Write the shaded part of the diagram as a fraction and as a percent.

   a. $\frac{2}{100}$, 20%   b. $\frac{2}{10}$, 30%   c. $\frac{6}{100}$, 6%   d. $\frac{5}{20}$, 25%

_____ 5. Write 989% as a decimal.
   a. 9890   b. 98.9   c. 989   d. 9.89

_____ 6. Find 170% of 58.
   a. 9.86   b. 98.6   c. 986   d. 2.28

_____ 7. A tennis racquet costs $90.00 with sales taxes of 9%.
       What is the total cost of the racquet?
   a. $99.00   b. $82.57   c. $98.10   d. $90.00

_____ 8. The regular price of a watch is $24.99. It is on sale at a discount of 35%.
       Find the sale price of the watch.
   a. $24.64   b. $8.75   c. $33.74   d. $16.24

Short Answer

9. Write 0.46% as a fraction and as a decimal.

10. Write $\frac{18}{240}$ as a decimal and as a percent.

11. What percent of 400 is 48?

12. 150% of a number is 95. What is the number?

13. A technology company has 160 staff. It plans to expand and increase the number of employees by 16%. How many people will be employed at the technology company after the expansion?

14. The population of a small town increased from 21 300 to 23 004. What was the percent increase in population?

15. A sweater regularly priced at $135 is on sale at 15% off. How much would you pay for the sweater, including taxes of 12%?

16. A charity run had 650 people registered. Of these, about 0.10% finished in under 45 min. How many people completed the run in under 45 min?

17. Which is the better deal?
    A: 55% off each DVD with a regular price of $30
    B: Two DVDs for $28
    Explain.

18. Computer World reduces the price of a computer by 25% when a new model arrives. Jeremy has $1246 saved. If the original price of the computer is $3000, does Jeremy have enough money to buy the computer at the sale price? Explain.

19. Write 0.42% as a fraction and as a decimal.