

TEST NAME: **Percents**  
TEST ID: **17436**  
GRADE: **SIXTH GRADE**  
SUBJECT: **Mathematics**  
TEST CATEGORY: **My Classroom**

Student: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

1. A clothing store offers a 30% discount on all items in the store.

**Part A:** If the original price of a sweater is \$40, how much will it cost after the discount?

**Show your work.**

**Answer:** \_\_\_\_\_

**Part B:** A shopper bought three of the same shirt and paid \$63 after the 30% discount. What was the original price of ONE of the three shirts?

**Show your work.**

**Answer:** \_\_\_\_\_

**Part C:** Every store employee gets an additional 10% off the already discounted price. If an employee buys an item with an original price of \$40, how much will the employee pay?

**Show your work.**

**Answer:** \_\_\_\_\_

2. A grocery store sign indicates that bananas are 6 for \$1.50, and a sign by the oranges indicates that they are 5 for \$3.00. Find the total cost of buying 2 bananas and 2 oranges.
- A. \$0.85
  - B. \$1.70
  - C. \$2.25
  - D. \$4.50
3. A fruit stand has 18 red apples. This is 40% of the total apples in the stand. How many apples are there in the stand?
- A. 22
  - B. 30
  - C. 45
  - D. 58
4. Out of 100 customers, 36 made a purchase. What percent of the customers **did not** make a purchase?
- A. 36%
  - B. 54%
  - C. 64%
  - D. 100%
5. The value 3.84 is 12% of what number?
- A. 0.03125
  - B. 3.125
  - C. 32
  - D. 46.08
6. Kelly just bought a new pair of shoes! She recieved a 30% discount, which saved \$15 off of the original price. What was the original price of the pair of shoes?
- Show your mathematical reasoning.

7. George wants to use 20% of his land for planting trees. How many acres, to the nearest tenth, does he want to use to plant trees if he has 98 acres of land?
- A. 0.2  
B. 4.9  
C. 19.6  
D. 20.4
8. The value 3.84 is 12% of what number?
- A. 0.03125  
B. 3.125  
C. 32  
D. 46.08
9. Out of 20 athletes surveyed, 10 athletes chose soccer as their favorite sport, 6 chose golf, and the others chose football. What percent of the athletes chose football?
- A. 20%  
B. 30%  
C. 40%  
D. 50%
10. Which shows the ratio "44 to 200" written as a percent, decimal, and a fraction in simplest form?
- A. 44%, 0.44,  $\frac{44}{50}$   
B. 44%, 0.22,  $\frac{22}{100}$   
C. 22%, 0.2,  $\frac{22}{100}$   
D. 22%, 0.22,  $\frac{11}{50}$

11. A theater can sell 600 tickets for each performance. For one performance, 80% of the tickets were sold. For another performance, 91% of the tickets were sold. What was the total number of tickets sold for both performances?
- A. 480
  - B. 546
  - C. 926
  - D. 1,026