

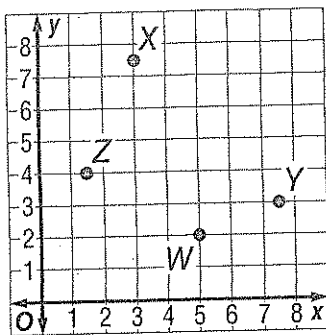
# Standardized Test Practice

## Chapter 5

1. **GRIDDED RESPONSE** The Music Shop records the number of CDs sold for 5 months. What fraction of CDs were sold in April? Write the fraction in simplest form.

Month	Number of CDs Sold
January	50
February	35
March	42
April	110
May	98

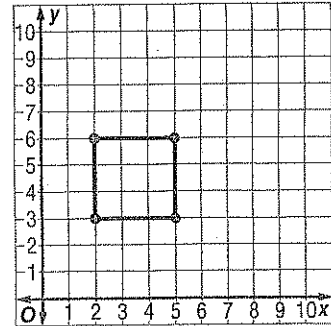
2. Which point on the grid below corresponds to the ordered pair (5,2)?



- A. Point W  
B. Point X  
C. Point Y  
D. Point Z
3. **GRIDDED RESPONSE** The Geography Club is selling wrapping paper for a fundraiser. They ordered 16 cases. If each student in the club takes  $\frac{2}{3}$  of a case, how many students are in the club?

4. **SHORT RESPONSE** There are 16 cars and 64 passengers scheduled to go to a concert. Write a ratio in simplest form that compares the number of passengers to the number of cars.

5. Which of the following ordered pairs is located inside the graph of the square?



- F. (4, 0)  
G. (1, 6)  
H. (2, 2)  
I. (4, 5)

7. A container of fruit contains  $12\frac{3}{4}$  pounds of oranges,  $8\frac{1}{4}$  pounds of bananas, and 7 pounds of apples. What is the total weight, in pounds, of the contents of the container?

- A. 27 pounds  
B. 28 pounds  
C.  $27\frac{1}{2}$  pounds  
D.  $28\frac{1}{2}$  pounds

10. Wilson made punch from a recipe that called for  $1\frac{1}{2}$  cups of orange juice and  $\frac{3}{4}$  cup lemonade. Wilson used  $2\frac{1}{4}$  cups of orange juice and  $1\frac{1}{8}$  cups of lemonade. How many batches of punch did he make?

- A. 3  
B.  $2\frac{1}{2}$   
C. 2  
D.  $1\frac{1}{2}$

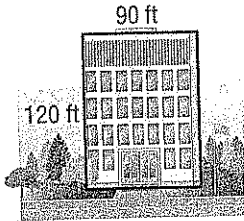
11. Dante is training for a cross country meet. He ran 35 miles in 10 days. At this rate, how many miles does Dante run each day?

- F. 0.3 mile  
G. 3 miles  
H. 3.5 miles  
I. 4.5 miles

# Standardized Test Practice

## Chapter 6

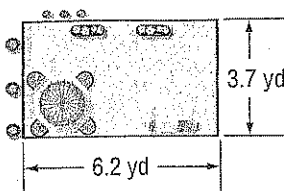
1. The perimeter of a rectangle can be found using the expression  $2l + 2w$ , where  $l$  represents length and  $w$  represents width. Find the perimeter of the front of a new building whose design is shown below.



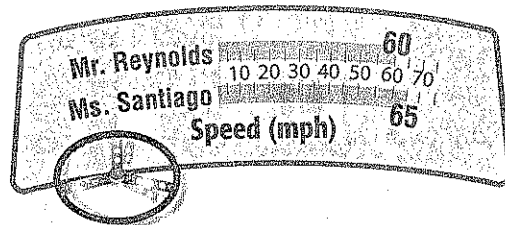
- A. 180 feet  
 B. 210 feet  
 C. 240 feet  
 D. 420 feet
2. Ora bought the variety pack of granola bars shown. The box contains 24 granola bars. How much does one granola bar cost?
- F. \$0.29  
 G. \$0.30  
 H. \$1.35  
 I. \$3.33
3. The cost of renting roller blades is \$4 plus \$3.50 for each hour that the roller blades are rented. Which expression can be used to find the cost in dollars of renting roller blades for  $h$  hours?
- A.  $4h + 3.5$   
 B.  $3.5 - 4h$   
 C.  $3.5(h + 4)$   
 D.  $3.5h + 4$



4. **GRIDDED RESPONSE** The Manny family is installing a large patio in their backyard. Find the area of the patio in square yards.



5. Which of the following illustrates the Distributive Property?
- F.  $3(2x + 4) = 5x + 4$   
 G.  $3(2x + 4) = 5x + 7$   
 H.  $3(2x + 4) = 6x + 4$   
 I.  $3(2x + 4) = 6x + 12$
6. **SHORT RESPONSE** What is the value of  $45 \div (7 + 2) - 1$ ?
7. The table shows the constant speed that each driver is driving.



- Using the Distributive Property, how many more miles will Ms. Santiago drive in 3 hours than Mr. Reynolds?
- A. 5 miles  
 B. 15 miles  
 C. 180 miles  
 D. 195 miles

9. Which expression is NOT an example of the Commutative Property?
- A.  $b - t = t - b$   
 B.  $rt = tr$   
 C.  $f + a = a + f$   
 D.  $5 \cdot d = d \cdot 5$
10. At a state fair, each person pays \$8 for admission plus \$2 for each ride. While at the fair, Elizabeth goes on 6 rides. Which expression can be used to find the total amount Elizabeth spends?
- F.  $\$8 + 6 \times \$2$   
 G.  $(\$8 + \$2) \times 6$   
 H.  $(\$8 + \$2) + 6$   
 I.  $\$8 \times 6 \times \$2$
12. Which expression is equivalent to  $5 + 4^2 \times 2$ ?
- A.  $21 \times 2$   
 B.  $5 + 32$   
 C.  $9^2 \times 2$   
 D.  $5 + 8^2$