

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

Grade 7 Math

Chapter 1 Test

Answer the following questions.

**1** Which expression has a value of 74 when  $x = 10$ ,  $y = 8$ , and  $z = 12$ ?

- A  $4xyz$
- B  $x + 5y + 2z$
- C  $2xz - 3y$
- D  $6xyz + 8$

**2** Which of the following is an example of the commutative property?

- A  $20 + 10 = 2(10 + 5)$
- B  $20 + 10 = 10 + 20$
- C  $5 + (20 + 10) = (5 + 20) + 10$
- D  $20 + 0 = 20$

**3** What are the next two numbers in the pattern?

- 75, 70, 60, 55, 45, 40 ...
- A 35, 30
  - B 30, 20
  - C 30, 25
  - D 35, 25

**4** Benjamin spends \$78 for  $n$  shirts. Which equation can be used to show the cost of one shirt?

- A  $n/78$
- B  $78n$
- C  $78 + n$
- D  $78/n$

**5** Solve the equation.  
 $20 = n - 12$

- A 32
- B 8
- C 10
- D 2

**6** Find the value.

- $6^2$
- A 12
  - B 66
  - C 216
  - D 36

