

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

