

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

