



# Numerical Expressions

Name: \_\_\_\_\_

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

Grade: Grade 5

## Part A: Multiple Choice

Circle the best answer for each question.

1. Which expression represents: Multiply the sum of 9 and 6 by the difference of 10 and 3?

- A)  $(9 + 6) \times (10 - 3)$
- B)  $(9 \times 6) + (10 - 3)$
- C)  $9 + 6 \times 10 - 3$
- D)  $(9 + 6) + (10 \times 3)$

2. Without calculating, which statement about  $12 \times (8 + 15)$  is true?

- A) It is 12 more than  $(8 + 15)$
- B) It is 12 times as large as  $(8 + 15)$
- C) It equals  $12 \times 8 + 15$
- D) It is half of  $(8 + 15)$

3. What is the value of  $(4 + 6) \times (30 \div 5)$ ?

- A) 16
- B) 60
- C) 50
- D) 36

4. Which expression has the greatest value?  $A = 5 \times (7 + 3)$ ,  $B = 4 \times (7 + 3)$ ,  $C = 6 \times (7 + 3)$ ,  $D = 3 \times (7 + 3)$

- A)  $A = 5 \times (7 + 3)$
- B)  $B = 4 \times (7 + 3)$
- C)  $C = 6 \times (7 + 3)$
- D)  $D = 3 \times (7 + 3)$

## Part B: Fill in the Blank

Write the correct answer on each line.

1. Evaluate:  $(3 + 7) \times (12 - 4) =$  \_\_\_\_\_

2. Evaluate:  $(48 \div 6) + (5 \times 3) =$  \_\_\_\_\_

3. Evaluate:  $(9 \times 4) - (20 \div 5) =$  \_\_\_\_\_

4. Write an expression: Find the product of the sum of 11 and 5 and the difference of 9 and 3. Answer:

\_\_\_\_\_

5. Evaluate:  $(11 + 5) \times (9 - 3) =$  \_\_\_\_\_

**Part A: Multiple Choice**

Circle the best answer for each question.

1. Which expression represents: Multiply the sum of 9 and 6 by the difference of 10 and 3?

- A)  $(9 + 6) \times (10 - 3)$
- B)  $(9 \times 6) + (10 - 3)$
- C)  $9 + 6 \times 10 - 3$
- D)  $(9 + 6) + (10 \times 3)$

2. Without calculating, which statement about  $12 \times (8 + 15)$  is true?

- A) It is 12 more than  $(8 + 15)$
- B) It is 12 times as large as  $(8 + 15)$
- C) It equals  $12 \times 8 + 15$
- D) It is half of  $(8 + 15)$

3. What is the value of  $(4 + 6) \times (30 \div 5)$ ?

- A) 16
- B) 60
- C) 50
- D) 36

4. Which expression has the greatest value?  $A = 5 \times (7 + 3)$ ,  $B = 4 \times (7 + 3)$ ,  $C = 6 \times (7 + 3)$ ,  $D = 3 \times (7 + 3)$

- A)  $A = 5 \times (7 + 3)$
- B)  $B = 4 \times (7 + 3)$
- C)  $C = 6 \times (7 + 3)$
- D)  $D = 3 \times (7 + 3)$

**Part B: Fill in the Blank**

Write the correct answer on each line.

1. Evaluate:  $(3 + 7) \times (12 - 4) = \underline{80}$

2. Evaluate:  $(48 \div 6) + (5 \times 3) = \underline{23}$

3. Evaluate:  $(9 \times 4) - (20 \div 5) = \underline{32}$

4. Write an expression: Find the product of the sum of 11 and 5 and the difference of 9 and 3. Answer:  $(11 + 5) \times (9 - 3)$

5. Evaluate:  $(11 + 5) \times (9 - 3) = \underline{96}$