



# Order of Operations (PEMDAS)

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

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

Grade: Grade 5

## Part A: Multiple Choice

Circle the best answer for each question.

1. What is the value of  $5^2 - 4 \times 3$ ?

- A) 63
- B) 13
- C) 37
- D) 9

2. Evaluate:  $(8 - 5)^2 \times 2$

- A) 6
- B) 18
- C) 12
- D) 36

3. What is  $3^2 + 2^3 - 5$ ?

- A) 12
- B) 22
- C) 10
- D) 14

4. Evaluate:  $50 - (3 + 2)^2 \times 2$

- A) 0
- B) 10
- C) 40
- D) 25

## Part B: Fill in the Blank

Write the correct answer on each line.

1.  $2^3 \times 3 - 4 \times 5 =$  \_\_\_\_\_ .

2.  $(9 - 6)^2 + 4 \times 2 =$  \_\_\_\_\_ .

3.  $6^2 \div 4 + 3 \times 3 =$  \_\_\_\_\_ .

4.  $(2 + 3)^2 - (4 + 1)^2 =$  \_\_\_\_\_ .

5.  $10^2 \div (2 + 3) - 4 \times 3 =$  \_\_\_\_\_ .

## Answer Key • Order of Operations (PEMDAS) • Grade: Grade 5

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- A) 12
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- D) 14

4. Evaluate:  $50 - (3 + 2)^2 \times 2$

- A) 0
- B) 10
- C) 40
- D) 25

### Part B: Fill in the Blank

Write the correct answer on each line.

1.  $2^3 \times 3 - 4 \times 5 = \underline{4}$  .

2.  $(9 - 6)^2 + 4 \times 2 = \underline{17}$  .

3.  $6^2 \div 4 + 3 \times 3 = \underline{18}$  .

4.  $(2 + 3)^2 - (4 + 1)^2 = \underline{0}$  .

5.  $10^2 \div (2 + 3) - 4 \times 3 = \underline{8}$  .