



# ORDER OF OPERATIONS

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

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

Class: \_\_\_\_\_

1 What does the order of operations tell you?

- A How many operations to perform
- B How to perform mathematical operations
- C How to solve problems with exponents
- D The order in which complicated equations should be solved

2 What is the correct order of operations?

- A Parentheses, exponents, multiplication and division, addition, and subtraction
- B Multiplication and division, addition and subtraction, parentheses, and exponents
- C Parentheses, exponents, addition and subtraction, multiplication, and division
- D Addition and subtraction, multiplication and division, exponents, and parentheses

3  $(5 \times 4) + 3^2 - 2$  In the following problem, which step should you perform first?

- A Elevate three to the power of two
- B Multiply five times four
- C Subtract two from three
- D Subtract two from nine

4 In the problem  $8^3 - 10 \times 5 - 4$ , which step should you perform first?

- A Multiply ten times five
- B Subtract four from five
- C Elevate eight to the power of three
- D Subtract ten from eight

5 What is the solution to  $3 + 3(0)$ ?

- A 0
- B 6
- C 9
- D 3

6 In the problem  $(5 \times 8) + 3^2(7)$ , which step should you perform last?

- A Multiply five times eight
- B Multiply nine times seven
- C Add 40 to 63
- D Elevate three to the second power

7 Solve the following problem:  $(2^2 + 8) \times 7$

- A 84
- B 60
- C 107
- D 36

8 What is the solution to  $(4/2)4 + (1 + 3)$ ?

- A 8
- B 2
- C 12
- D 14

9 What is the solution to  $(2 - 1)(4 - 2) + 9$ ?

- A 12
- B 11
- C 9
- D 7

10 What step comes first to solve  $18/2 - 5 + 7 - 12$ ?

- A  $18/2$
- B  $2 - 5$
- C  $5 + 7$
- D  $7 - 12$