



# Order of Operations Introduction

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

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

Grade: Grade 4

## Part A: Fill in the Blank

Write the missing word or number on each line.

1. Sara reads 3 books with 20 pages each, then 5 more pages:  $3 \times 20 +$  \_\_\_\_\_ .
2.  $(8+2) \times 4$  equals \_\_\_\_\_ when parentheses are honored first.
3. A box has  $(12-4)$  apples shared by 4 kids; each gets \_\_\_\_\_ apples.
4. Liam has 5 bags of 3 marbles plus 4 loose:  $5 \times 3 + 4 =$  \_\_\_\_\_ .
5.  $(20-5)/3$  equals \_\_\_\_\_ after subtraction and division steps.
6. Each of 4 rows has 7 seats, with 3 empty:  $4 \times 7 -$  \_\_\_\_\_ .
7.  $(15+5)/4$  equals \_\_\_\_\_ after addition then division.
8. A snack pack costs 6, and Jay buys 3 packs minus a \$2 coupon:  $6 \times 3 -$  \_\_\_\_\_ .
9.  $(9-3) \times 2$  equals \_\_\_\_\_ once you handle parentheses correctly.

## Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Three rows of 8 desks plus 2 extra	→ _____	$3 \times 8 + 2$
Subtract 5 from 20, then divide by 3	→ _____	$(20-5)/3$
Add 6 and 4, then triple the sum	→ _____	$(6+4) \times 3$
Twelve apples split among 4 friends with 2 left	→ _____	$12/4-2$

## Answer Key · Order of Operations Introduction · Grade: Grade 4

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### Part A: Fill in the Blank

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Write the missing word or number on each line.

1. Sara reads 3 books with 20 pages each, then 5 more pages:  $3 \cdot 20 + \underline{5}$  .
2.  $(8+2) \cdot 4$  equals 40 when parentheses are honored first.
3. A box has  $(12-4)$  apples shared by 4 kids; each gets 2 apples.
4. Liam has 5 bags of 3 marbles plus 4 loose:  $5 \cdot 3 + 4 = \underline{19}$  .
5.  $(20-5)/3$  equals 5 after subtraction and division steps.
6. Each of 4 rows has 7 seats, with 3 empty:  $4 \cdot 7 - \underline{3}$  .
7.  $(15+5)/4$  equals 5 after addition then division.
8. A snack pack costs 6, and Jay buys 3 packs minus a \$2 coupon:  $6 \cdot 3 - \underline{2}$  .
9.  $(9-3) \cdot 2$  equals 12 once you handle parentheses correctly.

### Part B: Matching

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Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Three rows of 8 desks plus 2 extra	→ <u><math>3 \cdot 8 + 2</math></u>	$3 \cdot 8 + 2$
Subtract 5 from 20, then divide by 3	→ <u><math>(20-5)/3</math></u>	$(20-5)/3$
Add 6 and 4, then triple the sum	→ <u><math>(6+4) \cdot 3</math></u>	$(6+4) \cdot 3$
Twelve apples split among 4 friends with 2 left	→ <u><math>12/4-2</math></u>	$12/4-2$