

Name \_\_\_\_\_

**Order of Operations**

COMMON CORE STANDARD CC.3.OA.8

Solve problems involving the four operations, and identify and explain patterns in arithmetic.

Write *correct* if the operations are listed in the correct order.

If not correct, write the correct order of operations.

1.  $45 - 3 \times 5$  subtract, multiply      2.  $3 \times 4 \div 2$  divide, multiply

multiply, subtract

3.  $5 + 12 \div 2$  divide, add      4.  $7 \times 10 + 3$  add, multiply

Follow the order of operations to find the unknown number.

5.  $6 + 4 \times 3 = n$

6.  $8 - 3 + 2 = k$

7.  $24 \div 3 + 5 = p$

$n = \underline{\hspace{2cm}}$

$k = \underline{\hspace{2cm}}$

$p = \underline{\hspace{2cm}}$

8.  $12 - 2 \times 5 = r$

9.  $7 \times 8 - 6 = j$

10.  $4 + 3 \times 9 = w$

$r = \underline{\hspace{2cm}}$

$j = \underline{\hspace{2cm}}$

$w = \underline{\hspace{2cm}}$

**Problem Solving** 

11. Shelley bought 3 kites for \$6 each. She gave the clerk \$20. How much change should Shelley get?

12. Tim has 5 apples and 3 bags with 8 apples in each bag. How many apples does Tim have in all?

### Lesson Check (CC.3.OA.8)

- Natalie is making doll costumes. Each costume has 4 buttons that cost 3¢ each and a zipper that costs 7¢. How much does she spend on buttons and a zipper for each costume?
 

(A) 19¢                      (C) 40¢

(B) 33¢                      (D) 49¢
- Leonardo's mother gave him 5 bags with 6 flower bulbs in each bag to plant. He has planted all except 3 bulbs. How many flower bulbs has Leonardo planted?
 

(A) 12                        (C) 27

(B) 15                        (D) 33

### Spiral Review (CC.3.OA.7, CC.3.OA.9, CC.3.NBT.3)

- Each story in Will's apartment building is 9 feet tall. There are 10 stories in the building. How tall is the apartment building? (Lesson 5.5)
- Which of the following describes a pattern in the table? (Lesson 5.1)

Tables	1	2	3	4
Chairs	4	8	12	16

- (A) 90 feet  
 (B) 80 feet  
 (C) 19 feet  
 (D) 9 feet
- For decorations, Meg cut out 8 groups of 7 snowflakes each. How many snowflakes did Meg cut out in all? (Lesson 4.5)

(A) 72                      (C) 58

(B) 63                      (D) 56
  - Which of the following describes a pattern in the table? (Lesson 5.1)

(A) Add 3.  
 (B) Multiply by 2.  
 (C) Subtract 3.  
 (D) Multiply by 4.
  - A small van can hold 6 students. How many small vans are needed to take 36 students on a field trip to the music museum? (Lesson 7.6)

(A) 4                        (C) 7

(B) 6                        (D) 8