

Name \_\_\_\_\_

## Lesson 7.11

## Order of Operations

COMMON CORE STANDARD—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.  $3 \times 4 + 2$  divide, multiply

multiply, subtract

multiply, divide

3.  $5 + 12 \div 2$  divide, add

4.  $7 \times 10 + 3$  add, multiply

correct

multiply, add

Follow the order of operations to find the unknown  
number.

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

6.  $8 - 3 + 2 = k$

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

$n = 18$

$k = 7$

$p = 13$

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

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

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

$r = 2$

$j = 50$

$w = 31$

## Problem Solving



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

\$2

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

29 apples

## Lesson Check (3.OA.8)

1. 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?
2. 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?

19¢

27 flower bulbs

## Spiral Review (3.OA.7, 3.OA.9, 3.NF.3)

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?

90 feet

4. Describe pattern in the table.

Tables	1	2	3	4
Chairs	4	8	12	16

Possible answer:  
multiply by 4.

5. For decorations, Meg cut out 8 groups of 7 snowflakes each. How many snowflakes did Meg cut out in all?
6. 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?

56 snowflakes

6 small vans