

# ALGEBRA

## Lesson 1.10

Name \_\_\_\_\_

### Numerical Expressions

COMMON CORE STANDARD CC.5.OA.2

Write and interpret numerical expressions.

Write an expression to match the words.

1. Ethan collected 16 seashells. He lost 4 of them while walking home.

$$16 - 4$$

2. Yasmine bought 4 bracelets. Each bracelet cost \$3.

3. Amani did 10 jumping jacks. Then she did 7 more.

4. Darryl has a board that is 8 feet long. He cuts it into pieces that are each 2 feet long.

Write words to match the expression.

5.  $3 + (4 \times 12)$

6.  $36 \div 4$

7.  $24 - (6 + 3)$

Draw a line to match the expression with the words.

8. Ray picked 30 apples and put them equally into 3 baskets. Then he ate two of the apples in a basket.

$$(3 \times 2) \times 30$$

9. Quinn had \$30. She bought a notebook for \$3 and a pack of pens for \$2.

$$(30 \div 3) - 2$$

10. Colleen runs 3 miles twice a day for 30 days.

$$30 - (3 + 2)$$

### Problem Solving

11. Kylie has 14 polished stones. Her friend gives her 6 more stones. Write an expression to match the words.

12. Rashad had 25 stamps. He shared them equally among himself and 4 friends. Then Rashad found 2 more stamps in his pocket. Write an expression to match the words.

### Lesson Check (CC 5.OA.1)

- Jenna bought 3 packs of bottled water, with 8 bottles in each pack. Then she gave 6 bottles away. Which expression matches the words?
  - (A)  $(3 + 8) + 6$
  - (B)  $(3 \times 8) \times 6$
  - (C)  $(3 \times 8) + 6$
  - (D)  $(3 \times 8) - 6$
- Stephen had 24 miniature cars. He gave 4 cars to his brother. Then he passed the rest of the cars out equally among 4 of his friends. Which operation would you use to represent the first part of this situation?
  - (A) addition
  - (B) subtraction
  - (C) division
  - (D) multiplication

### Spiral Review (CC 5.NBT.2, CC 5.NBT.5, CC 5.NBT.6)

- To find  $36 + 29 + 14$ , Joshua rewrote the expression as  $36 + 14 + 29$ . What property did Joshua use to rewrite the expression? (Lesson 1.3)
  - (A) Commutative Property of Multiplication
  - (B) Commutative Property of Addition
  - (C) Associative Property of Addition
  - (D) Associative Property of Multiplication
- Mr. Anderson wrote  $(7 \times 9) \times 10^3$  on the board. What is the value of that expression? (Lesson 1.5)
  - (A) 630
  - (B) 6,300
  - (C) 63,000
  - (D) 630,000
- There are 6 baskets on the table. Each basket has 144 crayons in it. How many crayons are there in all? (Lesson 1.6)
  - (A) 644
  - (B) 664
  - (C) 844
  - (D) 864
- Barbara mixes 54 ounces of granola and 36 ounces of raisins. She divides the mixture into 6-ounce servings. How many servings does she make? (Lesson 1.9)
  - (A) 3
  - (B) 12
  - (C) 15
  - (D) 96