

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
- 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
- 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
- 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