

ALGEBRA

Lesson 2.1

Name _____

Multiplication Comparisons

COMMON CORE STANDARD CC.4.OA.1

Use the four operations with whole numbers to solve problems.

Write a comparison sentence.

1. $6 \times 3 = 18$

6 times as many as 3 is 18.

2. $63 = 7 \times 9$

_____ is _____ times as many as _____.

3. $5 \times 4 = 20$

_____ times as many as _____ is _____.

4. $48 = 8 \times 6$

_____ is _____ times as many as _____.

Write an equation.

5. 2 times as many as 8 is 16.

6. 42 is 6 times as many as 7.

7. 3 times as many as 5 is 15.

8. 36 is 9 times as many as 4.

9. 72 is 8 times as many as 9.

10. 5 times as many as 6 is 30.

Problem Solving



11. Alan is 14 years old. This is twice as old as his brother James is. How old is James?

12. There are 27 campers. This is nine times as many as the number of counselors. How many counselors are there?

Lesson Check (CC.4.OA.1)

1. Which equation best represents the comparison sentence?

24 is 4 times as many as 6.

- (A) $24 \times 4 = 6$
- (B) $24 = 4 \times 6$
- (C) $24 = 4 + 6$
- (D) $4 + 6 = 24$

2. Which comparison sentence best represents the equation?

$5 \times 9 = 45$

- (A) 5 more than 9 is 45.
- (B) 9 is 5 times as many as 45.
- (C) 5 is 9 times as many as 45.
- (D) 45 is 5 times as many as 9.

Spiral Review (CC.4.OA.3, CC.4.NBT.2, CC.4.NBT.3)

3. Which of the following statements correctly compares the numbers? (Lesson 1.3)

- (A) $273,915 > 274,951$
- (B) $134,605 < 143,605$
- (C) $529,058 > 530,037$
- (D) $452,731 > 452,819$

4. What is the standard form for $200,000 + 80,000 + 700 + 6$? (Lesson 1.2)

- (A) 2,876
- (B) 28,706
- (C) 208,706
- (D) 280,706

5. Sean and Leah are playing a computer game. Sean scored 72,491 points. Leah scored 19,326 points more than Sean. How many points did Leah score? (Lesson 1.6)

- (A) 53,615
- (B) 91,717
- (C) 91,815
- (D) 91,817

6. A baseball stadium has 38,496 seats. Rounded to the nearest thousand, how many seats is this? (Lesson 1.4)

- (A) 38,000
- (B) 38,500
- (C) 39,000
- (D) 40,000