

ALGEBRA

Lesson 6.7

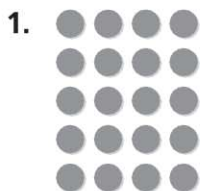
Name _____

Relate Multiplication and Division

COMMON CORE STANDARD CC.3.OA.6

Understand properties of multiplication and the relationship between multiplication and division.

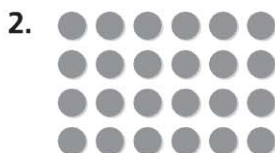
Complete the equations.



$$5 \text{ rows of } \underline{4} = 20$$

$$5 \times \underline{4} = 20$$

$$20 \div 5 = \underline{4}$$



$$4 \text{ rows of } \underline{\quad} = 24$$

$$4 \times \underline{\quad} = 24$$

$$24 \div 4 = \underline{\quad}$$



$$3 \text{ rows of } \underline{\quad} = 24$$

$$3 \times \underline{\quad} = 24$$

$$24 \div 3 = \underline{\quad}$$

Complete the equations.

4. $4 \times \underline{\quad} = 28$ $28 \div 4 = \underline{\quad}$

5. $6 \times \underline{\quad} = 36$ $36 \div 6 = \underline{\quad}$

6. $7 \times \underline{\quad} = 35$ $35 \div 7 = \underline{\quad}$

7. $7 \times \underline{\quad} = 21$ $21 \div 7 = \underline{\quad}$

8. $9 \times \underline{\quad} = 27$ $27 \div 9 = \underline{\quad}$

9. $2 \times \underline{\quad} = 16$ $16 \div 2 = \underline{\quad}$

10. $4 \times \underline{\quad} = 36$ $36 \div 4 = \underline{\quad}$

11. $8 \times \underline{\quad} = 40$ $40 \div 8 = \underline{\quad}$

Problem Solving



12. Mr. Martin buys 36 muffins for a class breakfast. He places them on plates for his students. If he places 9 muffins on each plate, how many plates does Mr. Martin use?

13. Ralph read 18 books during his summer vacation. He read the same number of books each month for 3 months. How many books did he read each month?

Lesson Check (CC.3.OA.6)

1. Which number will complete the equations?

$$6 \times \square = 24$$

$$24 \div 6 = \square$$

- (A) 3 (C) 5
(B) 4 (D) 6

2. Alice has 14 seashells. She divides them equally between her 2 sisters. How many seashells does each sister get?

- (A) 7 (C) 12
(B) 8 (D) 16

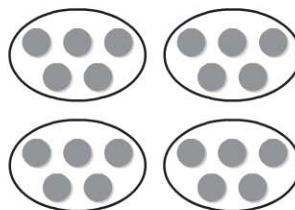
Spiral Review (CC.3.OA.1, CC.3.OA.9, CC.3.MD.3)

3. Sam and Jesse can each wash 5 cars in an hour. They both work for 7 hours over 2 days. How many cars did Sam and Jesse wash?

(Lesson 4.6)





- (A) 70
(B) 35
(C) 24
(D) 14

4. Keisha skip counted to find how many counters in all. How many equal groups are there? (Lesson 3.1)






_____ groups of 5

- (A) 3 (C) 5
(B) 4 (D) 20

5. The key for a picture graph showing the number of books students read is: Each  = 2 books. How many books did Nancy read if she has    by her name? (Lesson 2.2)

- (A) 2
(B) 4
(C) 5
(D) 6

6. Jan surveyed her friends to find their favorite season. She recorded    for summer. How many people chose summer as their favorite season? (Lesson 2.1)

- (A) 5
(B) 8
(C) 9
(D) 13