

Name _____

Number of Equal Groups**COMMON CORE STANDARD** CC.3.OA.2

Represent and solve problems involving multiplication and division.

Draw counters on your MathBoard. Then circle equal groups. Complete the table.

	Counters	Number of Equal Groups	Number in Each Group
1.	24	3	8
2.	35		7
3.	30		5
4.	16		4
5.	12		6
6.	36		9
7.	18		3
8.	15		5
9.	28		4
10.	27		3

Problem Solving 

11. In his bookstore, Toby places 21 books on shelves, with 7 books on each shelf. How many shelves does Toby need?

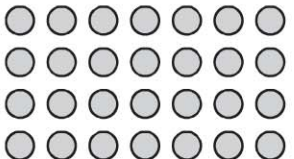
12. Mr. Holden has 32 quarters in stacks of 4 on his desk. How many stacks of quarters are on his desk?

Lesson Check (CC.3.OA.2)

- Ramon works at a clothing store. He puts 24 pairs of jeans into stacks of 8. How many stacks does Ramon make?
 - (A) 5
 - (B) 4
 - (C) 3
 - (D) 2
- There are 36 people waiting in line for a hay ride. Only 6 people can ride on each wagon. If each wagon is full, how many wagons are needed for all 36 people?
 - (A) 5
 - (B) 6
 - (C) 7
 - (D) 8

Spiral Review (CC.3.OA.3, CC.3.OA.8, CC.3.OA.9, CC.NBT.3)

- Which multiplication sentence does the array show? (Lesson 3.5)



 - (A) $4 \times 5 = 20$
 - (B) $4 \times 6 = 24$
 - (C) $4 \times 7 = 28$
 - (D) $4 \times 8 = 32$
- Austin buys 4 boxes of nails for his project. There are 30 nails in each box. How many nails does Austin buy in all? (Lesson 5.4)
 - (A) 12
 - (B) 34
 - (C) 70
 - (D) 120
- Which describes the number sentence? (Lesson 1.1)

$$8 + 0 = 8$$
 - (A) odd + odd = odd
 - (B) Identity Property of Addition
 - (C) even + even = even
 - (D) Commutative Property of Addition
- Each month for 6 months, Kelsey completes 5 paintings. How many more paintings does she need to complete before she has completed 38 paintings? (Lesson 4.10)
 - (A) 2
 - (B) 6
 - (C) 8
 - (D) 9