

Name _____

Problem Solving • Model Division

PROBLEM SOLVING

Lesson 6.1

COMMON CORE STANDARD CC.3.OA.3

Represent and solve problems involving multiplication and division.

Solve each problem.

1. Six customers at a toy store bought 18 jump ropes. Each customer bought the same number of jump ropes. How many jump ropes did each customer buy?

3 jump ropes

2. Hiro has 36 pictures of his summer trip. He wants to put them in an album. Each page of the album holds 4 pictures. How many pages will Hiro need for his pictures?

3. Katia has 42 crayons in a box. She buys a storage bin that has 6 sections. She puts the same number of crayons in each section. How many crayons does Katia put in each section of the storage bin?

4. Ms. Taylor's students give cards to each of the 3 class parent helpers. There are 24 cards. How many cards will each helper get if the students give an equal number of cards to each helper?

5. Jamie divides 20 baseball stickers equally among 5 of his friends. How many stickers does each friend get?

Lesson Check (CC.3.OA.3)

- Maria buys 15 apples at the store and places them into bags. She puts 5 apples into each bag. How many bags does Maria use for all the apples?
 (A) 2 (C) 4
 (B) 3 (D) 10
- Tom's neighbor is fixing a section of his walkway. He has 32 bricks that he is placing in 8 equal rows. How many bricks will Tom's neighbor place in each row?
 (A) 3 (C) 5
 (B) 4 (D) 6

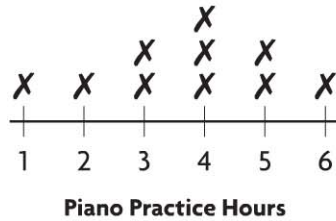
Spiral Review (CC.3.OA.1, CC.3.OA.4, CC.3.OA.5, CC.3.MD.4)

- Find the unknown factor. (Lesson 5.2)

$$7 \times \blacksquare = 56$$

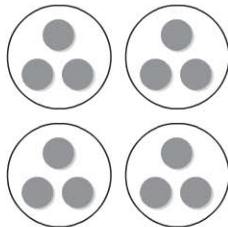
- (A) 6
- (B) 7
- (C) 8
- (D) 9

- How many students practiced the piano more than 3 hours a week? (Lesson 2.7)



- (A) 2 (C) 8
- (B) 6 (D) 10

- Count equal groups to find how many there are. (Lesson 3.1)



- (A) 3 (C) 12
- (B) 4 (D) 16

- Which is another way to group the factors? (Lesson 4.6)

$$(3 \times 2) \times 5$$

- (A) $(3 + 2) + 5$
- (B) $(3 \times 2) + 5$
- (C) $3 \times (2 + 5)$
- (D) $3 \times (2 \times 5)$