

PROBLEM SOLVING
Lesson 3.4

Name _____

Problem Solving • Model Multiplication

Draw a diagram to solve each problem.

COMMON CORE STANDARD CC.3.OA.8

Solve problems involving the four operations, and identify and explain patterns in arithmetic.

1. Robert put some toy blocks into 3 rows. There are 5 blocks in each row. How many blocks are there in all?

15 blocks

2. Mr. Fernandez is putting tiles on his kitchen floor. There are 2 rows with 9 tiles in each row. How many tiles are there in all?

3. In Jillian's garden, there are 3 rows of carrots, 2 rows of string beans, and 1 row of peas. There are 8 plants in each row. How many plants are there in all?

4. In Sorhab's classroom, there are 3 rows with 7 desks in each row. How many desks are there in all?

5. Maya visits the movie rental store. On one wall, there are 6 DVDs on each of 5 shelves. On another wall, there are 4 DVDs on each of 4 shelves. How many DVDs are there in all?

6. The media center at Josh's school has a computer area. The first 4 rows have 6 computers each. The fifth row has 4 computers. How many computers are there in all?

Lesson Check (CC.3.OA.8)

- There are 5 shelves of video games in a video store. There are 6 video games on each shelf. How many video games are there in all?
 - (A) 35
 - (B) 30
 - (C) 20
 - (D) 11
- Ken watches a marching band. He sees 2 rows of flute players. Six people are in each row. He sees 8 trombone players. How many flute or trombone players does Ken see?
 - (A) 2
 - (B) 6
 - (C) 16
 - (D) 20

Spiral Review (CC.3.NBT.1, CC.3.NBT.2, CC.3.MD.3)

- What is the sum of 438 and 382?
(Lesson 1.7)
 - (A) 720
 - (B) 810
 - (C) 820
 - (D) 910
- Estimate the sum. (Lesson 1.3)

$$\begin{array}{r} 622 \\ + 84 \\ \hline \end{array}$$
 - (A) 500
 - (B) 600
 - (C) 700
 - (D) 800
- Francine uses 167 silver balloons and 182 gold balloons for her store party. How many silver and gold balloons in all does Francine use?
(Lesson 1.7)
 - (A) 15
 - (B) 345
 - (C) 349
 - (D) 359
- Yoshi is making a picture graph. Each picture of a soccer ball stands for two goals he scored for his team. The row for January has 9 soccer balls. How many goals did Yoshi score during January? (Lesson 2.2)
 - (A) 18
 - (B) 16
 - (C) 11
 - (D) 9