LESSON MAKER PRO

Groups in Action

Multiply and divide to solve everyday problems.

GRADE 3 · MT.3.OA.3

MT.3.OA.3 "Use multiplication and division within 100 to solve problems in context in situations involving equal groups, arrays, and measurement quantities."

NAME _____ DATE _____

EQUAL GROUPS

Multiply to find the total in equal groups. Divide to find how many groups you can make from a total.

WORKED EXAMPLE

How many dots are in the array?



1. Count 3 rows.
2. Count 5 dots in each row.
3. Multiply: 3 x 5 = 15.

Answer: 15 dots

PRACTICE 4 problems

1 There are 4 teams with 6 players on each team. How many players are there?

ANSWER _____

2 Pack 42 crayons into boxes of 7. How many boxes will you fill?

ANSWER _____

3 A toy car travels 9 feet each turn. How far does it travel in 2 turns?

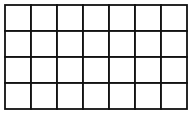
ANSWER _____

4 Share 32 marbles equally among 4 friends. How many marbles does each friend get?

ANSWER _____

APPLY IT Show your work

1 A sticker sheet is arranged as shown. How many stickers are on the sheet?



ANSWER _____

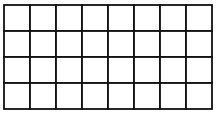
2 Maya cuts a 54-inch ribbon into pieces that are each 9 inches long. How many pieces can she make?

WORK SPACE

ANSWER _____

CHALLENGE One step up

The seats are arranged as shown. If 19 seats are filled, how many are empty? Show how you know.



WORK SPACE AND ANSWER

ANSWER KEY

Groups in Action

GRADE 3 · MT.3.OA.3

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	There are 4 teams with 6 players on each team. How many players are there?	**24 players**
2	Pack 42 crayons into boxes of 7. How many boxes will you fill?	**6 boxes**
3	A toy car travels 9 feet each turn. How far does it travel in 2 turns?	**18 feet**
4	Share 32 marbles equally among 4 friends. How many marbles does each friend get?	**8 marbles**

PART 2 · APPLY IT

1. **28 stickers** The array has 4 rows of 7 stickers. Multiply 4 x 7 = 28.
2. **6 pieces** Divide the total length by the length of each piece: 54 / 9 = 6.

CHALLENGE

13 empty seats; 4 x 8 = 32 seats, and 32 - 19 = 13.

Accept a correct equation or a clear equal-groups explanation for the challenge.