LESSON MAKER PRO

Fact Power

Use multiplication and division facts within 100.

GRADE 3 · 3.OA.C

CCSS.Math.Content.3.OA.C "Multiply and divide within 100."

NAME _____ DATE _____

EQUAL GROUPS

Use multiplication when you know equal groups and want the total. Use division when you know the total and want the number in each equal group or the number of groups. Check a division fact by multiplying the quotient by the divisor.

WORKED EXAMPLE

9x6

1. Break 9 into 5 + 4.
2. 5 x 6 = 30 and 4 x 6 = 24.
3. 30 + 24 = 54.

Answer: 54

PRACTICE 6 problems

1 4 x 7 = ___

ANSWER _____

2 8 x 5 = ___

ANSWER _____

3 32 / 4 = ___

ANSWER _____

4 35 / 5 = ___

ANSWER _____

5 3 x 8 = ___

ANSWER _____

6 56 / 7 = ___

ANSWER _____

APPLY IT Show your work

1 A gardener puts 8 sunflower seeds in each of 7 pots. How many sunflower seeds does the gardener plant?

WORK SPACE

ANSWER _____

2 Maya has 40 trading cards. She puts 5 cards on each album page. How many album pages does she fill?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A club has 7 bags with 8 game tokens in each bag. The club shares all the tokens equally among 4 teams. How many tokens does each team receive?

WORK SPACE AND ANSWER

ANSWER KEY

Fact Power

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	4 x 7 = ___	**28**
2	8 x 5 = ___	**40**
3	32 / 4 = ___	**8**
4	35 / 5 = ___	**7**
5	3 x 8 = ___	**24**
6	56 / 7 = ___	**8**

PART 2 · APPLY IT

1. **56 sunflower seeds** Multiply 8 seeds in each pot by 7 pots. 8 x 7 = 56.
2. **8 album pages** Divide 40 cards into groups of 5. 40 / 5 = 8.

CHALLENGE

14 tokens

Accept answers with the correct unit when a unit is included in the question. For the challenge, students may multiply 7 x 8 first, then divide 56 by 4.