LESSON MAKER PRO

Fact Finder

Find products, then use your facts to solve puzzles.

GRADE 3 · 3.OA.C.7.b

3.OA.C.7.b "State automatically all products of two one-digit numbers by the end of third grade."

NAME _____ DATE _____

USE A FACT YOU KNOW

Multiplication tells how many there are in equal groups. If you forget a fact, start with a fact you know and add one more equal group.

WORKED EXAMPLE

Find 3 x 4.

1. Start with 2 groups of 4: 4 + 4 = 8.
2. Add one more group of 4: 8 + 4 = 12.
3. So 3 x 4 = 12.

Answer: 12

PRACTICE 6 problems

1 Find the product: 7 x 8 = ___

ANSWER _____

2 Find the product: 9 x 6 = ___

ANSWER _____

3 Find the product: 5 x 5 = ___

ANSWER _____

4 Find the product: 8 x 8 = ___

ANSWER _____

5 Find the product: 6 x 6 = ___

ANSWER _____

6 Find the product: 7 x 7 = ___

ANSWER _____

APPLY IT Show your work

1 A sticker album has 9 pages. Each page holds 9 stickers. How many stickers fit in the album?

WORK SPACE

ANSWER _____

2 At a game fair, 5 players each win 8 tickets. How many tickets do they win altogether?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Jay says 7 x 9 = 56 because 7 x 8 = 56. What is 7 x 9? Explain how 7 x 8 helps you know.

WORK SPACE AND ANSWER

ANSWER KEY

Fact Finder

GRADE 3 · 3.OA.C.7.b

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Find the product: 7 x 8 = ___	**56**
2	Find the product: 9 x 6 = ___	**54**
3	Find the product: 5 x 5 = ___	**25**
4	Find the product: 8 x 8 = ___	**64**
5	Find the product: 6 x 6 = ___	**36**
6	Find the product: 7 x 7 = ___	**49**

PART 2 · APPLY IT

1. **81 stickers** Multiply 9 x 9 to find the total number of stickers.
2. **40 tickets** Multiply 5 x 8 to find the total number of tickets.

CHALLENGE

7 x 9 = 63. One more group of 7 makes 56 + 7 = 63.

For the challenge, accept any explanation that adds one group of 7 to 56 to get 63.