LESSON MAKER PRO

Fact Power

Use multiplication facts to solve multiplication and division.

GRADE 4 · 4.CE.2.b

4.CE.2.b "Recall with automaticity the multiplication facts through 12 × 12 and the corresponding division facts.*"

NAME _____ DATE _____

RELATED FACTS

Use a multiplication fact to find a related division fact. If you know a × b = total, then total ÷ a = b and total ÷ b = a.

WORKED EXAMPLE

56 ÷ 7 = ____

1. Think of the related multiplication fact.
2. 7 × 8 = 56.
3. So 56 ÷ 7 = 8.

Answer: 8

PRACTICE 6 problems

1 9 × 6 = ___

ANSWER _____

2 12 × 4 = ___

ANSWER _____

3 45 ÷ 5 = ___

ANSWER _____

4 66 ÷ 6 = ___

ANSWER _____

5 3 × 11 = ___

ANSWER _____

6 72 ÷ 9 = ___

ANSWER _____

APPLY IT Show your work

1 Jordan is making a display with 11 rows of 6 trading cards. How many trading cards are in the display?

WORK SPACE

ANSWER _____

2 At a game club, 108 game tokens are shared equally among 9 players. How many tokens does each player get?

WORK SPACE

ANSWER _____

CHALLENGE One step up

The school store has 5 boxes of 12 glow-in-the-dark pencils. It puts all the pencils into packs of 6. How many packs can the store make?

WORK SPACE AND ANSWER

ANSWER KEY

Fact Power

GRADE 4 · 4.CE.2.b

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	9 × 6 = ___	**54**
2	12 × 4 = ___	**48**
3	45 ÷ 5 = ___	**9**
4	66 ÷ 6 = ___	**11**
5	3 × 11 = ___	**33**
6	72 ÷ 9 = ___	**8**

PART 2 · APPLY IT

1. **66 trading cards** Multiply the number of rows by the number of cards in each row. 11 × 6 = 66.
2. **12 tokens** Divide the total number of tokens by the number of players. 108 ÷ 9 = 12.

CHALLENGE

10 packs

Accept answers written as numerals or words when the value is correct. For word problems, accept the correct number with or without the labeled unit.