

Fact Family Power

Use multiplication facts to solve division facts.

GRADE 3 • MA.3.NSO.2.4

MA.3.NSO.2.4 "Multiply two whole numbers from 0 to 12 and divide using related facts with procedural reliability."

NAME _____

DATE _____

RELATED FACTS

Multiplication and division are related. When you divide, think of the multiplication fact that makes the total.

WORKED EXAMPLE

$$56 \div 7 = \underline{\quad}$$

1. Think: $7 \times \underline{\quad} = 56$.

2. $7 \times 8 = 56$.

3. So, $56 \div 7 = 8$.

Answer: 8

PRACTICE 6 problems

1 $9 \times 6 = \underline{\quad}$

ANSWER _____

2 $48 \div 4 = \underline{\quad}$

ANSWER _____

3 $3 \times 11 = \underline{\quad}$

ANSWER _____

4 $55 \div 5 = \underline{\quad}$

ANSWER _____

5 $36 \div 3 = \underline{\quad}$

ANSWER _____

6 $10 \times 2 = \underline{\quad}$

ANSWER _____

APPLY IT Show your work

- 1** Maya puts 12 stickers on each of 4 pages in her sticker book. How many stickers does Maya put in the book?

WORK SPACE

ANSWER _____

- 2** A club has 45 game cards to share equally among 5 players. How many game cards does each player get?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Complete the related facts. $6 \times 11 = 66$, so $66 \div 6 = \underline{\quad}$ and $66 \div 11 = \underline{\quad}$.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	$9 \times 6 = \underline{\quad}$	54
2	$48 \div 4 = \underline{\quad}$	12
3	$3 \times 11 = \underline{\quad}$	33
4	$55 \div 5 = \underline{\quad}$	11
5	$36 \div 3 = \underline{\quad}$	12
6	$10 \times 2 = \underline{\quad}$	20

PART 2 • APPLY IT

1. **48 stickers** Multiply 12×4 . Maya puts 48 stickers in the book.
2. **9 game cards** Divide $45 \div 5$. Each player gets 9 game cards.

CHALLENGE

11, 6

Accept correct equations or related multiplication facts as work for division problems. For word problems, accept answers with or without the unit if the number is correct.