LESSON MAKER PRO

Fact Power Mix

Use multiplication facts and related division facts.

GRADE 4 · MA.4.NSO.2.1

MA.4.NSO.2.1 "Recall multiplication facts with factors up to 12 and related division facts with automaticity."

NAME _____ DATE _____

CONNECTED FACTS

Multiplication and division are related. Use a multiplication fact to check a division fact. For division, ask what number times the divisor makes the total.

WORKED EXAMPLE

63 / 9 = ____

1. Think: 9 times what number equals 63?
2. 9 * 7 = 63.
3. So, 63 / 9 = 7.

Answer: 7

PRACTICE 6 problems

1 8 * 6 = ___

ANSWER _____

2 11 * 4 = ___

ANSWER _____

3 96 / 12 = ___

ANSWER _____

4 5 * 12 = ___

ANSWER _____

5 66 / 6 = ___

ANSWER _____

6 36 / 3 = ___

ANSWER _____

APPLY IT Show your work

1 A game club puts 60 game tokens into 5 equal prize bags. How many tokens are in each bag?

WORK SPACE

ANSWER _____

2 Noah has 11 packs of collectible cards. Each pack has 4 cards. How many cards does Noah have?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A game tournament has 12 tables with 6 players at each table. Then all the players form 3 equal groups. How many players are in each group?

WORK SPACE AND ANSWER

ANSWER KEY

Fact Power Mix

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	8 * 6 = ___	**48**
2	11 * 4 = ___	**44**
3	96 / 12 = ___	**8**
4	5 * 12 = ___	**60**
5	66 / 6 = ___	**11**
6	36 / 3 = ___	**12**

PART 2 · APPLY IT

1. **12 tokens** Divide 60 by 5. 60 / 5 = 12.
2. **44 cards** Multiply the number of packs by the cards in each pack. 11 * 4 = 44.

CHALLENGE

24 players

Accept correct numerals or correct number sentences for the practice items. For word problems and the challenge, accept the correct answer with or without the unit if the quantity is clear.