LESSON MAKER PRO

Fraction Action

Multiply fractions and whole numbers in real situations.

GRADE 4 · MA.4.AR.1.3

MA.4.AR.1.3 "Solve real-world problems involving multiplication of a fraction by a whole number or a whole number by a fraction."

NAME _____ DATE _____

FIND A FRACTION OF A WHOLE

To find a fraction of a whole number, divide the whole number by the denominator. Then multiply the result by the numerator. You can also write the whole number times the fraction.

WORKED EXAMPLE

Find 5/8 of 24.

1. Write 24 × 5/8.
2. Divide 24 by 8: 24 ÷ 8 = 3.
3. Multiply 3 × 5 = 15.

Answer: 15

PRACTICE 6 problems

1 Find 2/7 of 14.

ANSWER _____

2 Find 7 × 2/7.

ANSWER _____

3 Find 9 × 1/9.

ANSWER _____

4 Find 12 × 1/6.

ANSWER _____

5 Find 14 × 1/7.

ANSWER _____

6 Find 18 × 2/9.

ANSWER _____

APPLY IT Show your work

1 An arcade game has 18 levels. You finish 2/9 of the levels. How many levels do you finish?

WORK SPACE

ANSWER _____

2 A craft club makes 14 keychains. Each keychain needs 1/7 yard of cord. How many yards of cord are needed?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A card game has 36 cards. Of the cards, 1/6 are shiny. The rest are regular. How many regular cards are there?

WORK SPACE AND ANSWER

ANSWER KEY

Fraction Action

GRADE 4 · MA.4.AR.1.3

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Find 2/7 of 14.	**4**
2	Find 7 × 2/7.	**2**
3	Find 9 × 1/9.	**1**
4	Find 12 × 1/6.	**2**
5	Find 14 × 1/7.	**2**
6	Find 18 × 2/9.	**4**

PART 2 · APPLY IT

1. **4 levels** Find 2/9 of 18. Divide 18 by 9, then multiply by 2.
2. **2 yards** Multiply 14 by 1/7. Divide 14 by 7, then multiply by 1.

CHALLENGE

30 regular cards

Accept equivalent fraction answers when a problem has a fractional result. For the challenge, students should find 1/6 of 36 is 6, then subtract 6 from 36.