LESSON MAKER PRO

Fraction Power Mix

Add, subtract, and multiply fractions with confidence.

GRADE 4 · MA.4.FR.2

MA.4.FR.2 "Build a foundation of addition, subtraction and multiplication operations with fractions."

NAME _____ DATE _____

FRACTION MOVES

To add or subtract fractions with the same denominator, add or subtract the numerators and keep the denominator. To multiply a fraction by a whole number, multiply the numerator by the whole number and keep the denominator. Simplify your answer when you can.

WORKED EXAMPLE

7/12 + 5/12 = ____

1. The denominators are both 12.
2. Add the numerators: 7 + 5 = 12.
3. Write 12/12, then simplify to 1 whole.

Answer: 1

PRACTICE 6 problems

1 2 * 3/8 = ___

ANSWER _____

2 3/10 + 6/10 = ___

ANSWER _____

3 8/9 - 2/9 = ___

ANSWER _____

4 3 * 2/9 = ___

ANSWER _____

5 8/8 - 2/8 = ___

ANSWER _____

6 2/6 + 2/6 = ___

ANSWER _____

APPLY IT Show your work

1 In a video game, Jordan fills 2/9 of a badge meter in one level and 4/9 in another level. What fraction of the badge meter is filled?

WORK SPACE

ANSWER _____

2 At robotics club, 3 teams each use 2/8 meter of tape. How many meters of tape do the teams use altogether?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Riley has 8/9 of a sheet of collectible stamps. Riley gives 2/9 of a sheet to each of 3 friends. What fraction of a sheet is left? Explain how you found your answer.

WORK SPACE AND ANSWER

ANSWER KEY

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	2 * 3/8 = ___	**3/4**
2	3/10 + 6/10 = ___	**9/10**
3	8/9 - 2/9 = ___	**2/3**
4	3 * 2/9 = ___	**2/3**
5	8/8 - 2/8 = ___	**3/4**
6	2/6 + 2/6 = ___	**2/3**

PART 2 · APPLY IT

1. **2/3** Add 2/9 and 4/9 to get 6/9. Simplify 6/9 to 2/3.
2. **3/4 meter** Multiply 3 by 2/8 to get 6/8 meter. Simplify 6/8 to 3/4 meter.

CHALLENGE

2/9. Three friends receive 6/9 altogether, so 8/9 - 6/9 = 2/9.

Accept equivalent fractions that show correct computation, such as 6/8 for 3/4 or 6/9 for 2/3. The simplified forms shown are the expected answers.