LESSON MAKER PRO

Fraction Part Moves

Join and separate equal-sized fraction parts.

GRADE 4 · 4.NF.B.3a

CCSS.Math.Content.4.NF.B.3a "Understand addition and subtraction of fractions as joining and separating parts referring to the same whole."

NAME _____ DATE _____

SAME-SIZE PARTS

Make sure both fractions describe parts of the same whole. When the denominators are the same, add or subtract the numerators and keep the denominator. Simplify the answer if you can.

WORKED EXAMPLE

2/10 + 5/10 = ?

1. Both fractions name tenths.
2. Add the numerators: 2 + 5 = 7.
3. Keep the denominator: 7/10.

Answer: 7/10

PRACTICE 6 problems

1 1/4 + 2/4 = ?

ANSWER _____

2 2/6 + 3/6 = ?

ANSWER _____

3 7/8 - 2/8 = ?

ANSWER _____

4 5/12 + 2/12 = ?

ANSWER _____

5 4/5 - 1/5 = ?

ANSWER _____

6 3/8 + 3/8 = ?

ANSWER _____

APPLY IT Show your work

1 In one video game level, Mateo completed 3/10 of the level on Tuesday and 4/10 on Wednesday. What fraction of the level did he complete altogether?

WORK SPACE

ANSWER

2 At a club lunch, 9/12 of one pizza was left. The group ate 4/12 of the pizza. What fraction of the pizza was left after they ate?

WORK SPACE

ANSWER

CHALLENGE One step up

A water bottle is 11/12 full. You drink 3/12 of the bottle, then add 2/12 of the bottle. What fraction of the bottle is full now? Simplify your answer.

WORK SPACE AND ANSWER

ANSWER KEY

Fraction Part Moves

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	1/4 + 2/4 = ?	**3/4**
2	2/6 + 3/6 = ?	**5/6**
3	7/8 - 2/8 = ?	**5/8**
4	5/12 + 2/12 = ?	**7/12**
5	4/5 - 1/5 = ?	**3/5**
6	3/8 + 3/8 = ?	**6/8**

PART 2 · APPLY IT

1. **7/10** Add the completed parts: 3/10 + 4/10 = 7/10.
2. **5/12** Subtract the eaten part from the part that was left: 9/12 - 4/12 = 5/12.

CHALLENGE

5/6

Accept equivalent fractions when they are correct. For the challenge, accept 10/12 if the student correctly finds it before simplifying to 5/6.