LESSON MAKER PRO

Fraction Fix-Up

Add and subtract fractions with matching denominators.

GRADE 4 · MA.4.FR.2.2

MA.4.FR.2.2 "Add and subtract fractions with like denominators, including mixed numbers and fractions greater than one, with procedural reliability."

NAME _____ DATE _____

KEEP THE DENOMINATOR

When denominators are alike, add or subtract only the numerators. Keep the denominator the same, and simplify the answer when you can. When subtracting mixed numbers, rename one whole as a fraction with the same denominator if you need more fractional parts.

WORKED EXAMPLE

8 2/15 - 3 11/15 = ____

1. Rename 8 2/15 as 7 17/15.
2. Subtract the whole numbers: 7 - 3 = 4.
3. Subtract the fractions: 17/15 - 11/15 = 6/15.
4. Simplify 4 6/15 to 4 2/5.

Answer: 4 2/5

PRACTICE 6 problems

1 4/7 + 2/7 = ___

ANSWER _____

2 8/9 - 5/9 = ___

ANSWER _____

3 1 3/10 + 2 4/10 = ___

ANSWER _____

4 5 1/6 - 2 4/6 = ___

ANSWER _____

5 11/12 + 5/12 = ___

ANSWER _____

6 3 2/8 - 1 7/8 = ___

ANSWER _____

APPLY IT Show your work

1 Maya's robot club has 2 3/8 feet of wire. They add 1 6/8 feet of wire. How many feet of wire do they have now?

WORK SPACE

ANSWER _____

2 Jordan has 6 1/10 yards of fabric for a costume. Jordan uses 2 7/10 yards. How much fabric is left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Find the value: 2 5/6 + 3 4/6 - 1 7/6 = ___

WORK SPACE AND ANSWER

ANSWER KEY

Fraction Fix-Up

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	4/7 + 2/7 = ___	**6/7**
2	8/9 - 5/9 = ___	**1/3**
3	1 3/10 + 2 4/10 = ___	**3 7/10**
4	5 1/6 - 2 4/6 = ___	**2 1/2**
5	11/12 + 5/12 = ___	**1 1/3**
6	3 2/8 - 1 7/8 = ___	**1 3/8**

PART 2 · APPLY IT

1. **4 1/8 feet** Add the whole numbers and fractional parts: 2 3/8 + 1 6/8 = 3 9/8. Rename 3 9/8 as 4 1/8.
2. **3 2/5 yards** Rename 6 1/10 as 5 11/10. Then subtract to get 3 4/10, which simplifies to 3 2/5.

CHALLENGE

4 1/3

Accept equivalent fraction forms, such as 3 3/6 for 3 1/2. Encourage students to simplify fractional parts and write answers greater than one as mixed numbers.