LESSON MAKER PRO

Fraction Pieces

Put unit fractions together and take them apart.

GRADE 3 · 3.N.3.3

3.N.3.3 "Apply understanding of unit fractions and use this understanding to compose and decompose fractions related to the same whole."

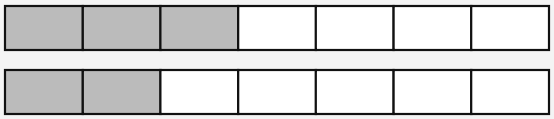
NAME _____ DATE _____

EQUAL PIECES

A unit fraction is one equal part of a whole. To put parts of the same-sized whole together, count the parts and keep the denominator the same.

WORKED EXAMPLE

The bars show same-sized wholes. What fraction do their shaded parts make together?



1. Each shaded part is 1/7.
2. 3 parts + 2 parts = 5 parts.

Answer: 5/7

PRACTICE 4 problems

1 Fill in: 1/4 + 1/4 + 1/4 = ___.

ANSWER _____

2 Fill in: 2/6 + 3/6 = ___.

ANSWER _____

3 Fill in: 7/8 = 4/8 + ___.

ANSWER _____

4 Fill in: 4/5 = ___ + 1/5.

ANSWER _____

APPLY IT Show your work

1 Mia eats 2/10 of a pizza. Jay eats 5/10 of the same pizza. How much do they eat together?

WORK SPACE

ANSWER _____

2 A class colors 9/12 of a poster. One group colors 4/12. How much does the other group color?

WORK SPACE

ANSWER _____

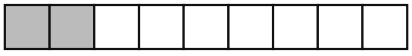
CHALLENGE One step up

The bars show the same snack bar. Bar A shows how much was eaten over two days. Bar B shows how much was eaten on Monday. What fraction was eaten on Tuesday? Explain in one sentence.

A: both days



B: Monday



WORK SPACE AND ANSWER

ANSWER KEY

Fraction Pieces

GRADE 3 · 3.N.3.3

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Fill in: 1/4 + 1/4 + 1/4 = ___.	**3/4**
2	Fill in: 2/6 + 3/6 = ___.	**5/6**
3	Fill in: 7/8 = 4/8 + ___.	**3/8**
4	Fill in: 4/5 = ___ + 1/5.	**3/5**

PART 2 · APPLY IT

1. **7/10 of the pizza** Add the tenths: 2/10 + 5/10 = 7/10.
2. **5/12 of the poster** Subtract the first group's part: 9/12 - 4/12 = 5/12.

CHALLENGE

Tuesday's part was 3/9 because 5/9 - 2/9 = 3/9.

Accept 1/3 for the challenge answer. Students should use parts of the same whole when adding or subtracting fractions.