LESSON MAKER PRO

Fraction Piece Picnic

Name, compare, and build equal parts.

GRADE 2 · 2.NS.3

2.NS.3 "The student will use mathematical reasoning and justification to solve contextual problems that involve partitioning models into equal-sized parts (halves, fourths, eighths, thirds, and sixths)..."

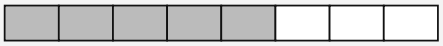
NAME _____ **DATE** _____

EQUAL PARTS

A fraction names equal parts of a whole. The bottom number tells how many equal parts make that whole. For the same-size whole, more equal parts means smaller parts.

WORKED EXAMPLE

The bar model shows part of a fruit strip shaded. What fraction is shaded?



1. Count 8 equal parts.
2. Count 5 shaded parts.
3. Write 5/8.

Answer: 5/8

PRACTICE 4 problems

1 A granola bar is cut into 6 equal pieces. One piece is what fraction of the bar?

ANSWER _____

2 For same-size sandwiches, compare one half and one fourth. Write 1/2 ___ 1/4 using >, < or =.

ANSWER _____

3 Kai eats 3 equal thirds of a cookie. Did Kai eat one whole cookie?

ANSWER _____

4 Eli puts 7 sixth-size clay pieces together. Write the amount as wholes and sixths.

ANSWER _____

APPLY IT Show your work

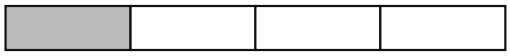
1 Draw one rectangular bookmark. Divide it into 3 equal parts and color 1 part. Name the colored fraction and explain why the parts must be equal.

2 The bars represent same-size sandwiches. Ben gets the shaded top part and Jo gets the shaded bottom part. Who gets more? Write a comparison.

Ben



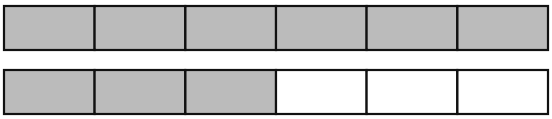
Jo



ANSWER

CHALLENGE One step up

The bars show 9 sixth-size pieces of a poster strip. Write the amount as wholes and sixths. Tell how you know.



WORK SPACE AND ANSWER

ANSWER KEY

Fraction Piece Picnic

GRADE 2 · 2.NS.3

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A granola bar is cut into 6 equal pieces. One piece is what fraction of the bar?	**1/6**
2	For same-size sandwiches, compare one half and one fourth. Write 1/2 ___ 1/4 using >, < or =.	**>**
3	Kai eats 3 equal thirds of a cookie. Did Kai eat one whole cookie?	**Yes**
4	Eli puts 7 sixth-size clay pieces together. Write the amount as wholes and sixths.	**1 1/6**

PART 2 · APPLY IT

1. **A rectangle divided into three equal-area parts, with one part shaded: 1/3. Equal parts are required for thirds.** Check the student's partition, not just the symbol 1/3. Different equal-area partitions are valid.
2. **Ben gets more. 1/2 > 1/4.** One half is greater than one fourth.

CHALLENGE

1 whole and 3/6. Six sixths make 1 whole.

Accept fraction words or numerals when they match the answer. For the challenge, accept "1 3/6" with a correct explanation that 6 sixths make one whole.