LESSON MAKER PRO

Strip Fraction Fun

Read, name, and write parts of a whole.

GRADE 2 · 2.NS.3.e.ii

2.NS.3.e.ii "Given a context, represent, name, and write fractional parts of a whole for halves, fourths, eighths, thirds, and sixths using: length models (e.g., paper fraction strips, fraction bars, rods, number lines); and"

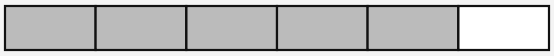
NAME _____ DATE _____

EQUAL PARTS

A whole strip is split into equal parts. The top number tells how many parts are shaded. The bottom number tells how many equal parts make the whole.

WORKED EXAMPLE

A paint strip has 6 equal parts. 5 parts are purple. Write and name the fraction.



1. Count 6 equal parts.
2. Count 5 purple parts.
3. Write 5/6.
4. Say five sixths.

Answer: 5/6, five sixths

PRACTICE 4 problems

1 A sandwich has 2 equal pieces. 1 piece has cheese. Write and name the fraction with cheese.

ANSWER _____

2 A toy train has 4 equal cars. 3 cars are blue. Write and name the fraction that is blue.

ANSWER _____

3 A bead strip has 8 equal beads. 2 beads are yellow. Write and name the fraction that is yellow.

ANSWER _____

_____

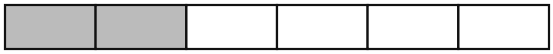
4 A sticker strip has 3 equal spaces. 1 space has a star. Write and name the fraction with a star.

ANSWER _____

_____

APPLY IT Show your work

1 Jada colors part of her bookmark strip. What fraction is colored? Write and name it.



ANSWER _____

2 A robot's battery bar is shown. What fraction of the battery is full? Write and name it.



ANSWER _____

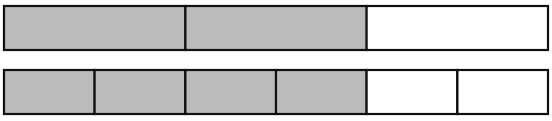
3 Make your own bookmark model on the blank strip. Draw lines to divide its length into 4 equal parts. Shade 3 parts. Write and name the fraction of the strip shaded. Explain how the equal lengths show fourths of the same whole strip.

Whole bookmark: add your partition lines

ANSWER _____

CHALLENGE One step up

The two snack strips show the same amount shaded. Write both fractions. Explain why they are the same amount.



WORK SPACE AND ANSWER

ANSWER KEY

Strip Fraction Fun

GRADE 2 · 2.NS.3.e.ii

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A sandwich has 2 equal pieces. 1 piece has cheese. Write and name the fraction with cheese.	**1/2, one half**
2	A toy train has 4 equal cars. 3 cars are blue. Write and name the fraction that is blue.	**3/4, three fourths**
3	A bead strip has 8 equal beads. 2 beads are yellow. Write and name the fraction that is yellow.	**2/8, two eighths**
4	A sticker strip has 3 equal spaces. 1 space has a star. Write and name the fraction with a star.	**1/3, one third**

PART 2 · APPLY IT

1. **2/6, two sixths** The strip has 6 equal parts. Two parts are colored.
2. **4/8, four eighths** The bar has 8 equal parts. Four parts are full.
3. **3/4, three fourths.** Require the learner to draw three interior marks at equal intervals and shade three of the four equal-length parts. Each part is one fourth of the whole bookmark. The teacher model is one acceptable shading; any three parts may be shaded.

CHALLENGE

2/3 and 4/6. Both strips have two-thirds shaded.

Accept fraction words with correct spelling or clear phonetic spelling. For the challenge, accept an explanation that both models show the same shaded amount. For Apply 3, require an actual partitioned and shaded length model, not only fraction words. Supply a pencil and crayon. An adult may help mark the equal intervals, but the child draws the lines and shades the parts. Accept small drawing inaccuracies when equal-length intent is clear.

Strip Fraction Fun

Apply 3: completed bookmark length model, 3/4 or three fourths shaded.

3/4 of one whole bookmark 