

Fair Share Fractions

Name equal parts of one whole.

GRADE 2 • 2.NS.3.a

2.NS.3.a "Model and describe fractions as representing equal-size parts of a whole."

NAME _____

DATE _____

EQUAL PARTS

A fraction names equal-size parts of one whole. The bottom number tells how many equal parts there are. The top number tells how many parts you are naming.

WORKED EXAMPLE

A banana is cut into 7 equal pieces. Sam eats 2 pieces. What fraction of the banana does Sam eat?

1. There are 7 equal pieces in all.
2. Sam eats 2 pieces, so write $\frac{2}{7}$.

Answer: $\frac{2}{7}$

PRACTICE 4 problems

- 1** A cookie is cut into 3 equal pieces. One piece has a cherry. What fraction of the cookie has a cherry?

ANSWER _____

- 2** A sticker sheet has 4 equal boxes. Stars are in 3 boxes. What fraction of the sheet has stars?

ANSWER _____

- 3** A paper strip has 5 equal parts. 4 parts are green. What fraction is green?

ANSWER _____

- 4** A toy train track has 6 parts, but some parts are longer than others. Can you name each part $\frac{1}{6}$ of the whole track?

ANSWER _____

APPLY IT Show your work

- 1** A pet treat tray has 8 equal spaces. 5 spaces hold bone treats. What fraction of the tray has bone treats?

WORK SPACE

ANSWER _____

- 2** Lena's game board has 9 equal spaces. She colors 3 spaces yellow. What fraction of the board is yellow?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A lunch tray has 8 equal sections. 4 sections hold apple slices. Write a fraction for the apple sections. Then tell why the sections must be equal size.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A cookie is cut into 3 equal pieces. One piece has a cherry. What fraction of the cookie has a cherry?	1/3
2	A sticker sheet has 4 equal boxes. Stars are in 3 boxes. What fraction of the sheet has stars?	3/4
3	A paper strip has 5 equal parts. 4 parts are green. What fraction is green?	4/5
4	A toy train track has 6 parts, but some parts are longer than others. Can you name each part $\frac{1}{6}$ of the whole track?	No

PART 2 • APPLY IT

1. **5/8** There are 8 equal spaces altogether. 5 spaces have bone treats, so the fraction is $\frac{5}{8}$.
2. **3/9** The whole board has 9 equal spaces. 3 yellow spaces make $\frac{3}{9}$.

CHALLENGE

4/8. The 8 sections are the same size, so each section is an equal part of the tray.

Accept fraction names when the named parts are equal size and the denominator matches the total number of equal parts. For the challenge, accept $\frac{4}{8}$ and the equivalent fraction $\frac{1}{2}$ if the student explains the equal sections.