LESSON MAKER PRO

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 6 equal pieces. Sam eats 2 pieces. What fraction of the banana does Sam eat?

1. There are 6 equal pieces in all.
2. Sam eats 2 pieces, so write 2/6.

Answer: 2/6

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 6 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 1/6 of the whole track?

ANSWER _____

APPLY IT Show your work

1 Design a treat tray. Draw a large rectangle in the work space or on extra paper. Divide the whole tray into 8 equal-size sections by making 2 equal rows and 4 equal columns. Shade 5 sections for bone treats. Write the fraction shaded. Explain what its top and bottom numbers mean and why all sections must be equal size.

WORK SPACE

ANSWER _____

2 Lena's game board has 6 equal spaces. She colors 3 spaces yellow. What fraction of the board is yellow?

WORK SPACE

ANSWER _____

CHALLENGE One step up

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.

WORK SPACE AND ANSWER

ANSWER KEY

Fair Share Fractions

GRADE 2 · 2.NS.3.a

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 6 equal parts. 4 parts are green. What fraction is green?	**4/6**
4	A toy train track has 6 parts, but some parts are longer than others. Can you name each part 1/6 of the whole track?	**No**

PART 2 · APPLY IT

1. **5/8. The top number 5 counts the shaded sections; the bottom number 8 counts all equal-size sections.** Check actual learner lines forming 2 equal rows and 4 equal columns, with 5 of the 8 sections shaded. All sections represent the same fraction of one whole tray. The teacher model shows one acceptable choice of shaded sections; other choices of 5 sections are valid.
2. **3/6** The whole board has 6 equal spaces. Three yellow spaces make 3/6.

CHALLENGE

4/8

Accept fraction names when the named parts are equal size and the denominator matches the total number of equal parts. For the challenge, accept 4/8 and the equivalent fraction 1/2 if the student explains the equal sections. For Apply 1, require the actual equal-part drawing, shading, fraction, and explanation. An adult may help position equal edge marks; the child draws the partition lines and chooses the 5 shaded sections. Accept small drawing inaccuracies when equal-size intent is clear.

Fair Share Fractions

Apply 1: one acceptable tray with 5 of 8 equal sections shaded.

