

Fraction Picture Lab

Shade equal parts, then write and name each fraction.

GRADE 2 • 2.NS.3.e.i

2.NS.3.e.i "Given a context, represent, name, and write fractional parts of a whole for halves, fourths, eighths, thirds, and sixths using: region/area models (e.g., pie pieces, pattern blocks, geoboards);"

NAME _____

DATE _____

EQUAL PARTS OF ONE WHOLE

A fraction tells about equal parts of one whole. The bottom number tells how many equal parts are in the whole. The top number tells how many parts are shaded.

WORKED EXAMPLE

A ribbon is split into 6 equal boxes. Shade 5 boxes. Write the fraction and its name. □ □ □

□ □ □

1. Count 6 equal boxes.
2. Shade 5 boxes: ■ ■ ■ / ■ ■ □
3. Write $\frac{5}{6}$ and say "five sixths."

Answer: $\frac{5}{6}$, five sixths

PRACTICE 5 problems

- 1** 1. A toy block is split into 2 equal boxes. Shade 1 box. Write the fraction and its name. □ □

ANSWER _____

- 2** 2. A window is split into 4 equal boxes. Shade 3 boxes. Write the fraction and its name. □ □ □ □

ANSWER _____

- 3** 3. A robot screen is split into 8 equal boxes. Shade 7 boxes. Write the fraction and its name. □ □ □ □ □ □ □ □

ANSWER _____

- 4** 4. A pet tag is split into 3 equal boxes. Shade 1 box. Write the fraction and its name. □ □ □

ANSWER _____

- 5** 5. A snack tray is split into 6 equal boxes. Shade 4 boxes. Write the fraction and its name. □ □ □ □ □ □

ANSWER _____

APPLY IT Show your work

- 1** Maya has one sticker sheet with 4 equal square spaces. She puts star stickers on 3 spaces. Shade 3 spaces in the model. What fraction of the sticker sheet has star stickers? Write the fraction and its name. $\square \square \square \square$

WORK SPACE

ANSWER _____

- 2** Noah has one garden tray with 6 equal square spaces. He plants seeds in 2 spaces. Shade 2 spaces in the model. What fraction of the garden tray has seeds? Write the fraction and its name. $\square \square \square \square \square \square$

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A game board is one whole made of 8 equal spaces. Shade 4 spaces. Write the fraction as $\frac{4}{8}$. Is $\frac{4}{8}$ the same amount as $\frac{1}{2}$? Explain. $\square \square \square \square \square \square \square \square$

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	1. A toy block is split into 2 equal boxes. Shade 1 box. Write the fraction and its name. □ □	1/2, one half
2	2. A window is split into 4 equal boxes. Shade 3 boxes. Write the fraction and its name. □ □ □ □	3/4, three fourths
3	3. A robot screen is split into 8 equal boxes. Shade 7 boxes. Write the fraction and its name. □ □ □ □ □ □ □ □	7/8, seven eighths
4	4. A pet tag is split into 3 equal boxes. Shade 1 box. Write the fraction and its name. □ □ □	1/3, one third
5	5. A snack tray is split into 6 equal boxes. Shade 4 boxes. Write the fraction and its name. □ □ □ □ □ □	4/6, four sixths

PART 2 • APPLY IT

- 3/4, three fourths** The whole sticker sheet has 4 equal spaces. Three of the 4 spaces have star stickers, so the fraction is 3/4.
- 2/6, two sixths** The whole garden tray has 6 equal spaces. Seeds are in 2 spaces, so the fraction is 2/6.

CHALLENGE

Yes. 4 of 8 equal spaces is half of the game board.

Accept any placement of the correct number of shaded equal boxes. For the practice and apply items, students should write the requested fraction with its stated denominator and an accurate fraction name.