

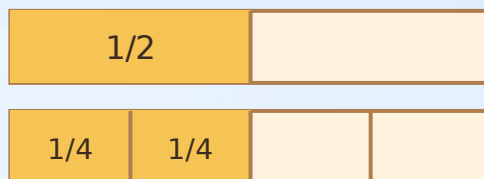
# Sharing Fairly: Equivalent Fractions

## Equivalent fractions and counting by fractions



"Let's make it fair!" says Mae. "Equal shares with different names can be worth the very same amount — those are equivalent fractions."

**Worked example.** One half and two quarters cover the same amount of the damper:



$\frac{1}{2} = \frac{2}{4}$  — same amount, different name.

1. Write the fraction shaded.

a) 2 of 4 equal parts = \_\_\_\_\_ b) 3 of 6 equal parts = \_\_\_\_\_

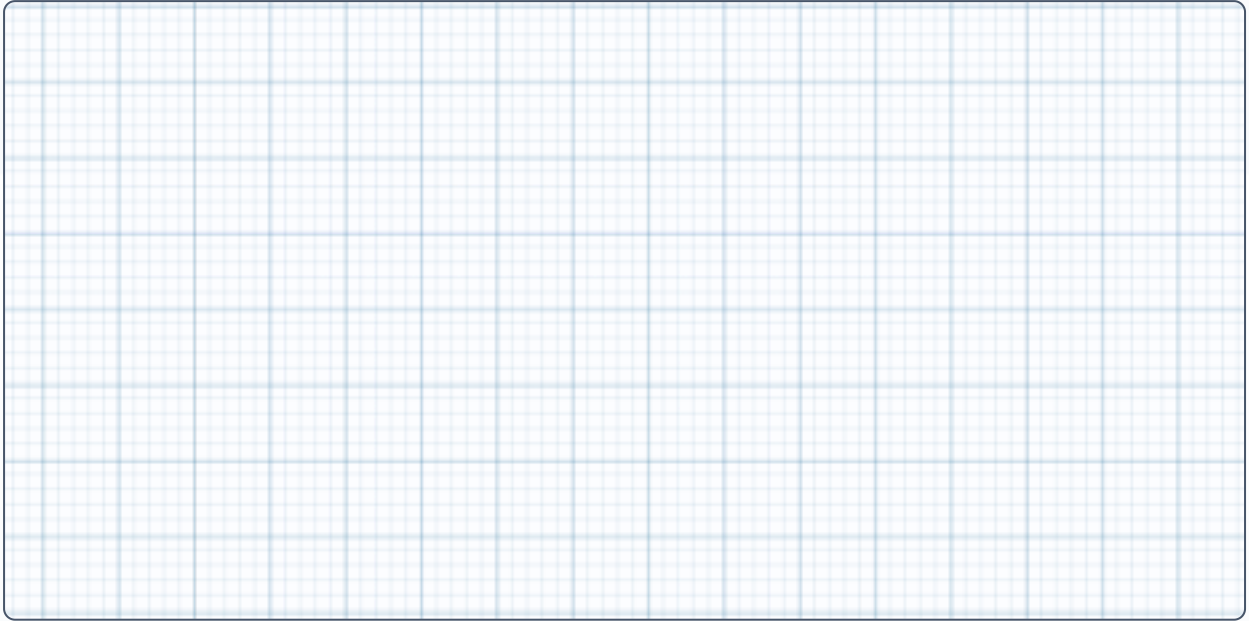
2. Fill in the equivalent fraction.

a)  $\frac{1}{2} = \frac{\square}{4}$  \_\_\_\_\_ b)  $\frac{1}{2} = \frac{\square}{6}$  \_\_\_\_\_ c)  $\frac{2}{3} = \frac{\square}{6}$  \_\_\_\_\_

3. Count by quarters along the line. Fill the gaps: 0,  $\frac{1}{4}$ ,  $\frac{2}{4}$ ,  $\square$ ,  $\frac{4}{4}$ ,  $\square$

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4. Mark  $1\frac{1}{2}$  and  $2\frac{1}{4}$  on a number line from 0 to 3.

A large rectangular area filled with a light blue grid. The grid consists of 20 columns and 10 rows of small squares, providing a space for drawing a number line.

5. Mae shares one damper into thirds and Pip shares an equal damper into sixths. How many sixths equal two-thirds? Explain.

A rectangular area with a light gray background, divided into three horizontal sections by thin gray lines, intended for writing an explanation.