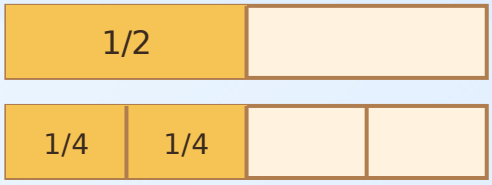
Sharing Fairly: Equivalent Fractions

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:



1/2 = 2/4 — same amount, different name.

1. Write the fraction shaded.

a) 2 of 4 equal parts = _____ b) 3 of 6 equal parts = _____

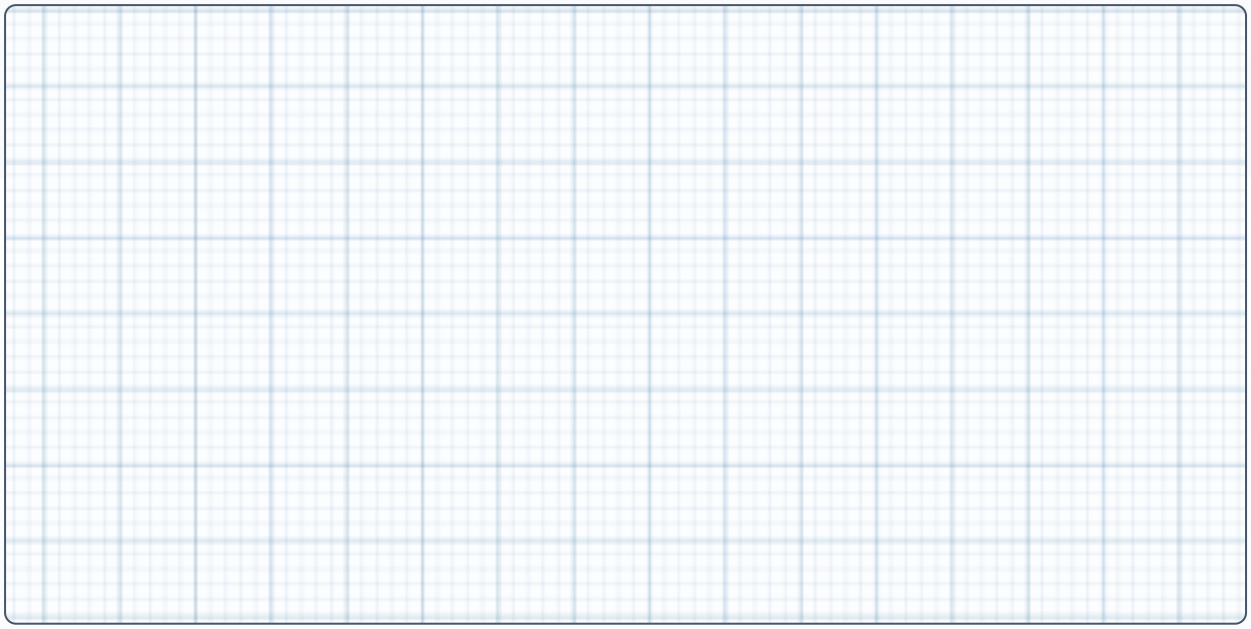
2. Fill in the equivalent fraction.

a) *1/2 = ☐/4* _____ b) *1/2 = ☐/6* _____ c) *2/3 = ☐/6* _____

3. Count by quarters along the line. Fill the gaps: *0, 1/4, 2/4, ☐, 4/4, ☐*

_____

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



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