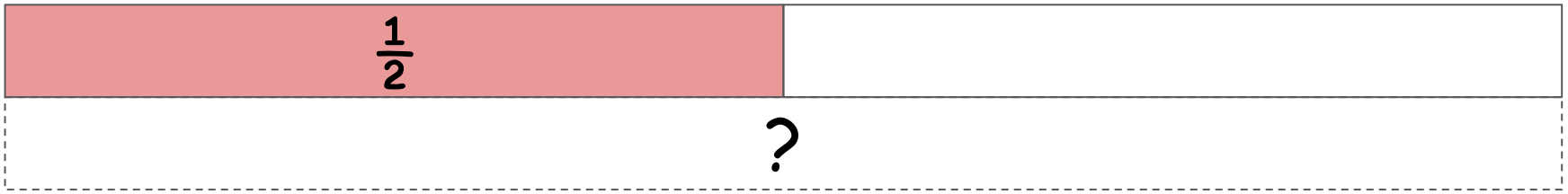
Equivalent Fractions

Find sets of equivalent fractions using bar models

Find Equivalent Sets

Find as many equivalent fractions for $\frac{1}{2}$ using the bar tool.



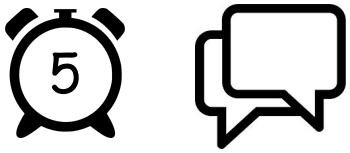
$$\frac{1}{2} = \frac{?}{?}$$

Record Equivalent Sets

Draw 2 ways to make $\frac{1}{2}$ on your paper.

1/2		1/2	
1/4	1/4	1/4	1/4

$$\frac{1}{2} = \frac{2}{4}$$



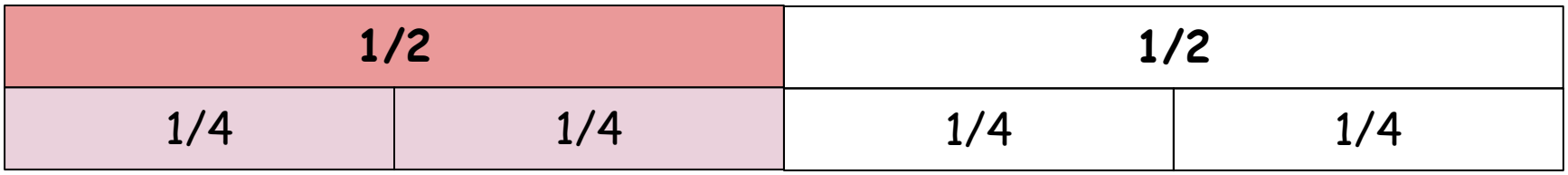
Share Strategies

How many different ways can we find for making $\frac{1}{2}$?

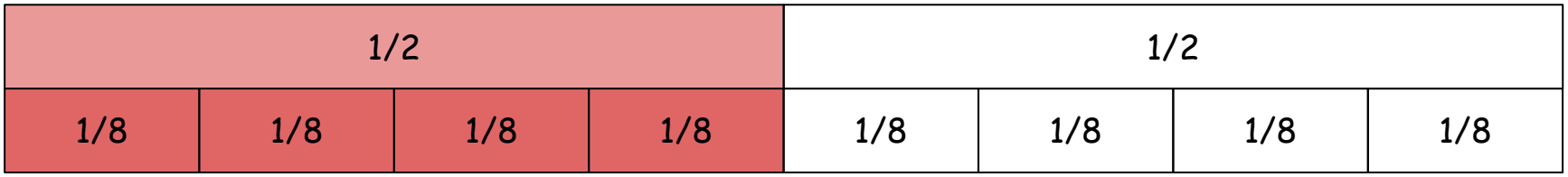
5

Summarize

Equivalent bars represent the same length using different size units.



$$\frac{1}{2} = \frac{2}{4}$$



$$\frac{1}{2} = \frac{4}{8}$$

Find Equivalent Sets Problem Sheet

Work with a partner to solve the equivalent fractions problems on your handout.

If needed, use the fraction bars to help you solve.

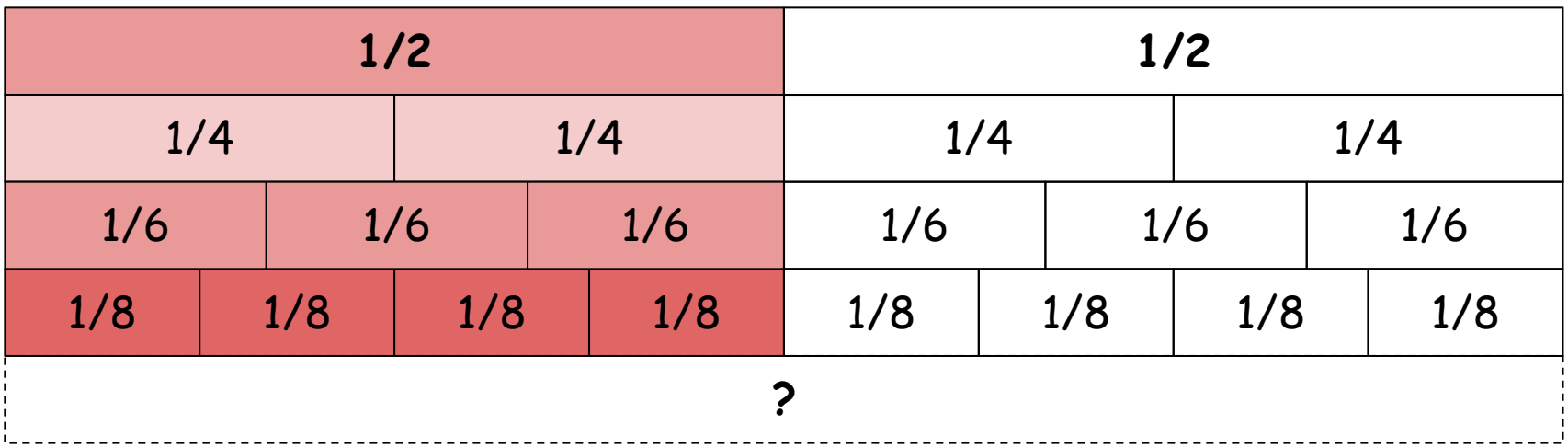
Share Strategies

How did you find equivalent models for:

$\frac{1}{3}$ $\frac{2}{8}$ $\frac{3}{6}$

Is It True?

All fractions equivalent to $\frac{1}{2}$ have even denominators. Is this always true? Explain your thinking.



$1/2 = 2/4 = 3/6 = 4/8 = ?/?$