

Model Equivalent Fractions

Equivalent fractions are two or more fractions that name the same amount.

You can use fraction circles to model equivalent fractions.

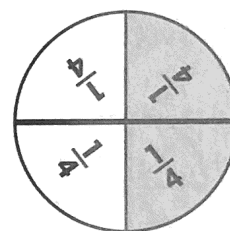
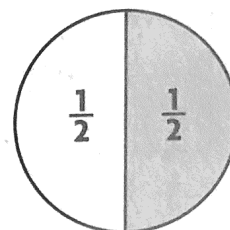
Find a fraction that is equivalent to $\frac{1}{2}$. $\frac{1}{2} = \frac{\square}{4}$

Step 1 Look at the first circle. It is divided into 2 equal parts. Shade one part to show $\frac{1}{2}$.

Step 2 Draw a line to divide the circle into 4 equal parts because 4 is the denominator in the second fraction.

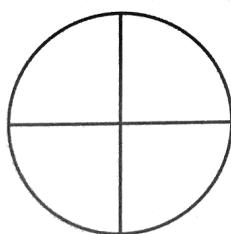
Step 3 Count the number of parts shaded now. There are 2 parts out of 4 parts shaded.

$\frac{1}{2} = \frac{2}{4}$ So, $\frac{1}{2}$ is equivalent to $\frac{2}{4}$.



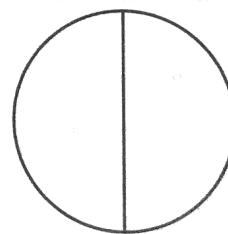
Shade the model. Then divide the pieces to find the equivalent fraction.

1.



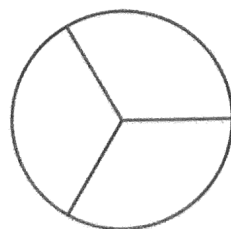
$$\frac{1}{4} = \frac{\square}{8}$$

2.



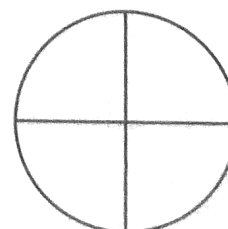
$$\frac{1}{2} = \frac{\square}{8}$$

3.



$$\frac{2}{3} = \frac{\square}{6}$$

4.



$$\frac{3}{4} = \frac{\square}{8}$$