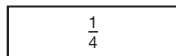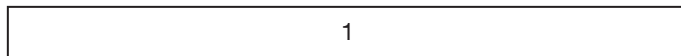# Finding Equivalent Fractions

Equivalent fractions are fractions that name the same part of a whole. Equivalent fractions have different numerators and denominators, but their values are equal.

You can find equivalent fractions by using fraction strips.

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

Find how many $\frac{1}{8}$s are equal to $\frac{1}{4}$. The denominator is 8 so use $\frac{1}{8}$ strips.

1

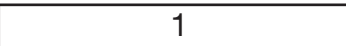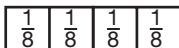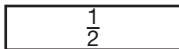| $\frac{1}{4}$ |
|---|

$\frac{1}{8}$	$\frac{1}{8}$

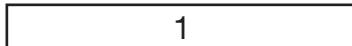So, two $\frac{1}{8}$ strips are equal to $\frac{1}{4}$.

$$\frac{1}{4} = \frac{2}{8}$$
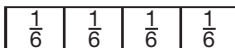
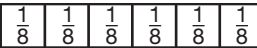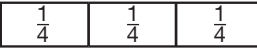Another name for $\frac{1}{4}$ is $\frac{2}{8}$.

Complete each number sentence.

1.

1

$\frac{1}{2}$

$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

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

2.

1

$\frac{1}{3}$	$\frac{1}{3}$

$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$

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

3.

1

$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

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

4. Name two fractions that are equivalent to $\frac{1}{2}$.

_____

5. Reason Larry and Willa are each reading the same book. Larry has read $\frac{2}{3}$ of the book. Willa said that she has read more than Larry because she read $\frac{4}{6}$ of the book. Is Willa correct? Explain.

_____

_____