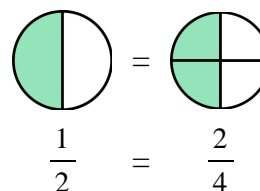


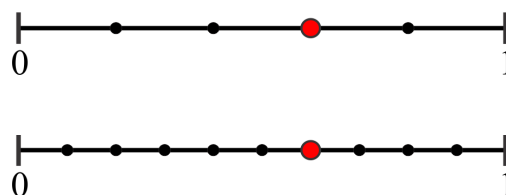
Equivalent Fractions 1

If you eat half of a pizza, or $\frac{2}{4}$ of a pizza, you have eaten the same amount. The two fractions are *equivalent*.

We can write an equal sign between them: $\frac{1}{2} = \frac{2}{4}$.



The dot for $\frac{3}{5}$ is in the same place on the number line as the dot for $\frac{6}{10}$. Again, the two fractions are *equivalent*. We can write $\frac{3}{5} = \frac{6}{10}$.



1. Write the equivalent fractions.

<p>a. $\frac{\quad}{\quad} = \frac{\quad}{\quad}$</p>	<p>b. $\frac{\quad}{\quad} = \frac{\quad}{\quad}$</p>	<p>c. $\frac{\quad}{\quad} = \frac{\quad}{\quad}$</p>
<p>d. $\frac{\quad}{\quad} = \frac{\quad}{\quad}$</p>	<p>e. $\frac{\quad}{\quad} = \frac{\quad}{\quad}$</p>	

2. Shade the parts for the first fraction. Shade the same *amount* in the second picture. Write the second, equivalent fraction.

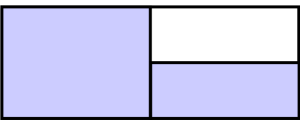
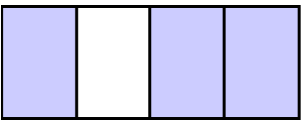
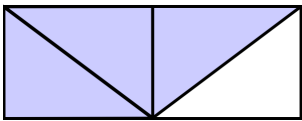
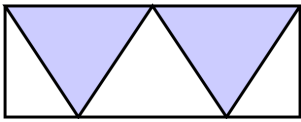

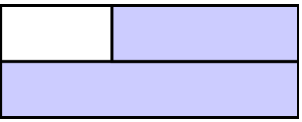
<p>a. $\frac{1}{4} =$</p>	<p>b. $\frac{2}{4} =$</p>	<p>c. $\frac{6}{8} =$</p>	<p>d. $\frac{2}{3} =$</p>
--------------------------------------	--------------------------------------	--------------------------------------	--------------------------------------

3. Draw an illustration to show the equivalence of the fractions. You can use any fraction model you feel works the best.

<p>a. $\frac{3}{4} = \frac{6}{8}$</p>	<p>b. $\frac{1}{3} = \frac{2}{6}$</p>
--	--

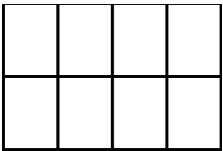
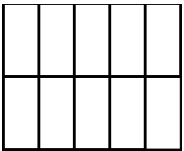
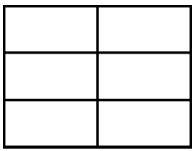
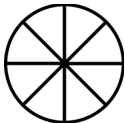
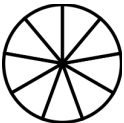
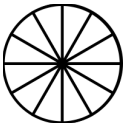
4. Write at least three fractions that are equivalent to $\frac{1}{2}$. Also, use illustrations to show why they are equivalent.

5. Find all the pictures that show a fraction equivalent to $\frac{3}{4}$.

<p>a. </p>	<p>b. </p>	<p>c. </p>
<p>d. </p>	<p>e. </p>	<p>f. </p>

6. Are $\frac{3}{3}$ and $\frac{4}{4}$ equivalent fractions?
Why or why not?

7. Shade a fraction that is equivalent to the given fraction.

<p>a. $\frac{3}{4}$ </p>	<p>b. $\frac{3}{5}$ </p>	<p>c. $\frac{1}{3}$ </p>
<p>d. $\frac{1}{4}$ </p>	<p>e. $\frac{1}{3}$ </p>	<p>f. $\frac{3}{4}$ </p>