

Materials: A set of fraction bars

1) Complete the chart. List fractions that are equivalent.

Fraction	Equivalent Fractions
$\frac{2}{4}$	
$\frac{3}{4}$	
$\frac{2}{3}$	
$\frac{1}{3}$	
$\frac{2}{8}$	

2) Name a fraction that is close to 1

b) How many other fractions can you find that are close to 1?

3) a) Name a fraction that is close to  $\frac{1}{2}$  but less than  $\frac{1}{2}$

b) How many other fractions can you find that are close to  $\frac{1}{2}$  but less than  $\frac{1}{2}$ ?

4) Name a fraction that is close to  $\frac{1}{2}$  but more than  $\frac{1}{2}$

b) How many other fractions can you find that are close to  $\frac{1}{2}$  but more than  $\frac{1}{2}$ ?

5) Name 3 fractions between  $\frac{1}{2}$  and  $\frac{3}{4}$

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1) Circle the larger fraction

a)  $\frac{1}{8}$  or  $\frac{1}{4}$

b)  $\frac{1}{12}$  or  $\frac{1}{10}$

c)  $\frac{1}{5}$  or  $\frac{1}{6}$

Describe the strategy you used to decide which fraction is larger??

2) Circle the larger fraction

a)  $\frac{7}{10}$  or  $\frac{3}{8}$

b)  $\frac{5}{12}$  or  $\frac{5}{10}$

c)  $\frac{3}{4}$  or  $\frac{3}{8}$

Describe the strategy you used to decide which fraction is larger??

3) Circle the larger fraction

a)  $\frac{7}{8}$  or  $\frac{9}{10}$

b)  $\frac{11}{12}$  or  $\frac{7}{8}$

c)  $\frac{9}{10}$  or  $\frac{11}{12}$

Describe the strategy you used to decide which fraction is larger??

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Find the missing fraction

$$\frac{1}{2} + \boxed{\phantom{00}} = 1$$

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \frac{1}{2}$$

$$\frac{3}{8} + \boxed{\phantom{00}} = 1$$

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \frac{1}{4}$$

$$\frac{1}{4} + \frac{1}{2} + \boxed{\phantom{00}} = 1$$

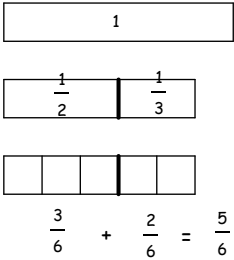
$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \frac{1}{6}$$

$$\frac{2}{3} + \frac{1}{6} + \boxed{\phantom{00}} = 1$$

$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \frac{1}{5}$$

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Show how to use your fraction bars to add the following fractions

<p>For example, <math>\frac{1}{2} + \frac{1}{3}</math></p>  <p><math>\frac{3}{6} + \frac{2}{6} = \frac{5}{6}</math></p>	$\frac{1}{3} + \frac{1}{4}$
$\frac{1}{4} + \frac{1}{8}$	$\frac{3}{4} + \frac{3}{4}$
$\frac{1}{6} + \frac{1}{12}$	$\frac{1}{2} + \frac{1}{5}$

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a) Compute the answer to each problem.

b) Use your fraction bars or a picture to show me why your answer is correct.

<p>For example, <math>\frac{1}{2} \div \frac{1}{4}</math></p> <p>In other words, how many one-fourths are in <math>\frac{1}{2}</math>?</p> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 10px auto; display: flex; align-items: center; justify-content: center;"><math>\frac{1}{2}</math></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 10px auto; display: flex; justify-content: space-around;"><div style="border-right: 1px solid black; width: 45%; height: 100%; display: flex; align-items: center; justify-content: center;"><math>\frac{1}{4}</math></div><div style="width: 45%; height: 100%; display: flex; align-items: center; justify-content: center;"><math>\frac{1}{4}</math></div></div> <p>There are 2 one-fourths in <math>\frac{1}{2}</math>, so</p> $\frac{1}{2} \div \frac{1}{4} = 2$	$\frac{3}{5} \div \frac{1}{10}$
$2 \div \frac{1}{3}$	$\frac{3}{4} \div \frac{1}{8}$
$\frac{4}{6} \div \frac{1}{12}$	$5 \div \frac{1}{3}$