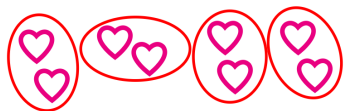
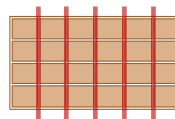


# Finding Fractional Parts with Division



These 8 hearts are divided into four equal parts.  
Each part is  $\frac{1}{4}$  (one-fourth) of the whole.

We can use division:  $8 \div 4 = 2$ . Each group has 2 hearts. So,  $\frac{1}{4}$  of 8 hearts is 2 hearts.



Mom's 24 brownies are divided into 6 equal parts. Each part is  $\frac{1}{6}$ th of the whole. How many pieces are in each part?

Divide to find out:  $24 \div 6 = 4$ . Four pieces. So,  $\frac{1}{6}$  of 24 brownies is 4 brownies.

**To find  $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{1}{5}$  etc. part of something, divide by 2, 3, 4, 5, etc. (respectively).**

1. Write a division sentence and a fractional part sentence.

<p><b>a.</b> </p> <p>_____ <math>\div</math> 5 = _____</p> <p><math>\frac{1}{5}</math> of _____ is _____.</p>	<p><b>b.</b> </p> <p>_____ <math>\div</math> _____ = _____</p> <p><math>\frac{1}{3}</math> of _____ is _____.</p>	<p><b>c.</b> </p> <p>_____ <math>\div</math> _____ = _____</p> <p> of _____ is _____.</p>	<p><b>d.</b> </p> <p>_____ <math>\div</math> _____ = _____</p> <p> of _____ is _____.</p>
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2. Write a fractional part sentence for each division sentence.

<p><b>a.</b> <math>30 \div 5 =</math> _____</p> <p> of 30 is _____.</p>	<p><b>b.</b> <math>48 \div 6 =</math> _____</p> <p> of _____ is _____.</p>	<p><b>c.</b> <math>25 \div 5 =</math> _____</p> <p> of _____ is _____.</p>	<p><b>d.</b> <math>50 \div 5 =</math> _____</p> <p> of _____ is _____.</p>
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3. Find a part. Also write a division sentence.

<p><b>a.</b> <math>\frac{1}{6}</math> of 30 is _____.</p> <p><u>30</u> <math>\div</math> <u>6</u> = <u>5</u></p>	<p><b>b.</b> <math>\frac{1}{7}</math> of 49 is _____.</p> <p>_____ <math>\div</math> _____ = _____</p>	<p><b>c.</b> <math>\frac{1}{10}</math> of 250 is _____.</p> <p>_____ <math>\div</math> _____ = _____</p>
<p><b>d.</b> <math>\frac{1}{2}</math> of 480 is _____.</p> <p>_____ <math>\div</math> _____ = _____</p>	<p><b>e.</b> <math>\frac{1}{9}</math> of 1,800 is _____.</p> <p>_____ <math>\div</math> _____ = _____</p>	<p><b>f.</b> <math>\frac{1}{5}</math> of 400 is _____.</p> <p>_____ <math>\div</math> _____ = _____</p>