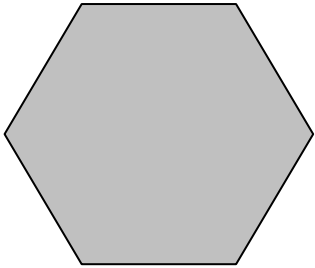
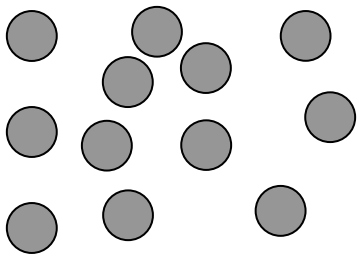


Find the Part



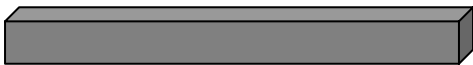
1. If the yellow hexagon pattern block is 1 whole, find:

- a) one half
- b) five sixths
- c) eight sixths



2. If 12 counters are the whole set, find:

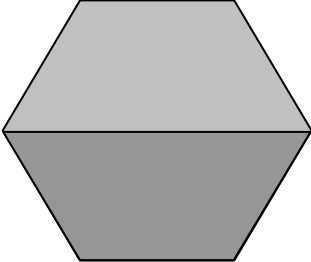
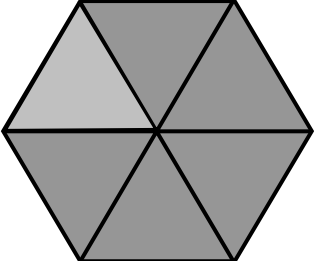
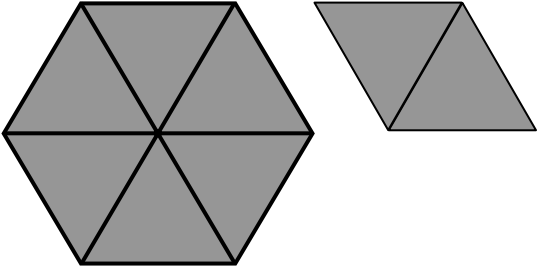
- a) one fourth of the set
- b) two thirds of the set
- c) three halves of the set



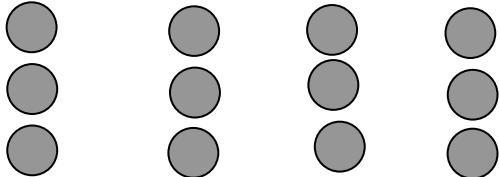
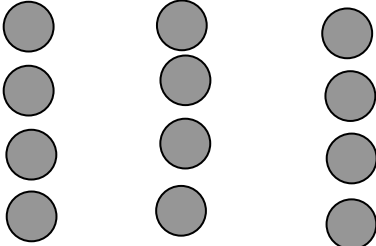
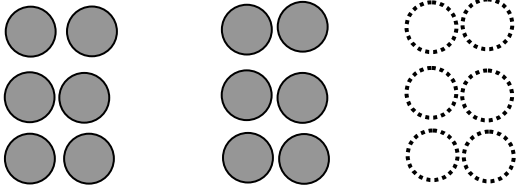
3. If the brown Cuisenaire[®] Rod is 1 whole, find:

- a) one half
- b) seven eighths
- c) five fourths


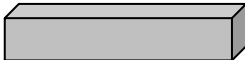

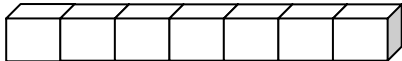
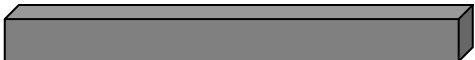
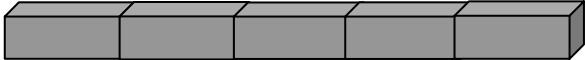
Solutions for Find the Part

<p>1. If the yellow hexagon pattern block is 1 whole, then:</p>	
<p>a) 1 red trapezoid is one half.</p>	 <p>Two red trapezoids cover the yellow hexagon pattern block. One red trapezoid is one half. (Three green triangles also represent one half.)</p>
<p>b) 5 green triangles are five sixths.</p>	 <p>Six green triangles cover the yellow hexagon pattern block. Each green triangle is one sixth. Five green triangles are five sixths.</p>
<p>c) 8 green triangles are eight sixths.</p>	 <p>Six green triangles cover the yellow hexagon pattern block. Each green triangle is one sixth. Eight green triangles are eight sixths. (Four blue rhombuses would also be an acceptable solution.)</p>

Solutions for Find the Part (continued)

2. If 12 counters are the whole set, then:	
a) 3 counters are one fourth of a set	 <p>Twelve counters divided into 4 equal groups (fourths) result in 3 counters in each group. Three counters are one fourth.</p>
b) 8 counters are two thirds of the set	 <p>Twelve counters divided into 3 equal groups (thirds) result in 4 counters in each group. Four counters are one third, and 8 counters are two thirds.</p>
c) 18 counters are three halves of the set	 <p>Twelve counters divided into 2 equal groups (halves) result in 6 counters in each group. Six counters are one half, 12 counters are two halves, and 18 counters are three halves.</p>

Solutions for Find the Part (continued)

3. If the brown Cuisenaire® Rod is 1 whole:	
<p>a) 1 purple rod is one half</p>	<div style="text-align: center;">  <p>1 brown rod</p>  <p>1 purple rod</p> </div> <p>Two purple rods are the same length as the brown rod. One purple rod is one half. (Two red rods or 4 white rods also represent one half.)</p>
<p>b) 7 white rods are seven eighths</p>	<div style="text-align: center;">  <p>1 brown rod</p>  <p>7 white rods</p> </div> <p>Eight white rods are the same length as the brown rod. Each white rod is one eighth. Seven white rods are seven eighths.</p>
<p>c) 5 red rods are five fourths</p>	<div style="text-align: center;">  <p>1 brown rod</p>  <p>5 red rods</p> </div> <p>Four red rods are the same length as the brown rod. Each red rod is one fourth. Five red rods are five fourths. (Ten white rods would also be an acceptable solution.)</p>