

NAME _____

DATE _____

Apples & Shapes

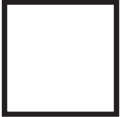
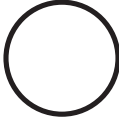

1 There were 3 apples on the table. Jan put 6 more apples on the table. How many apples were on the table in all? Show your work.

There were _____ apples on the table in all.



CHALLENGE

2 Make a picture that is worth 24¢. You can only use these shapes. Label your picture. Prove that it is worth 24¢.

Square—5¢ 	Circle—4¢ 	Triangle—3¢ 
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NAME _____

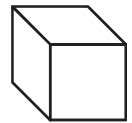
DATE _____

Mystery Shapes

There are 6 mystery shapes on the right. Read each riddle below and write the name of the mystery shape.

1 I have 6 faces. 2 of my faces are square. 4 of my faces are rectangles that are not squares.

I am the _____.



cube

2 I have no faces at all. I am round all the way around.

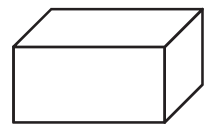
I am the _____.



pyramid

3 I have 5 faces, but you can only see 2 of them. 4 of my faces are triangles. They meet at one point called a vertex.

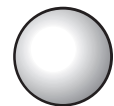
I am the _____.



rectangular prism

4 Two of my faces are circles. If you set me on one of those faces, I will not roll.

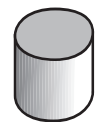
I am the _____.



sphere

5 I have 5 faces. 3 of my faces are rectangles. 2 of my faces are triangles.

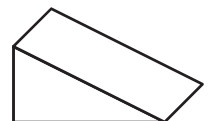
I am the _____.



cylinder

6 I have 6 faces. All my edges are exactly the same length.

I am the _____.



triangular prism

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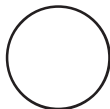
Symmetry

1a Circle the shapes that are symmetrical.

b Cross out the shapes that are not symmetrical.



Square



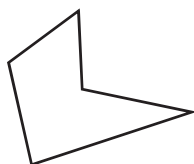
Circle



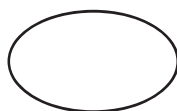
Scalene Triangle



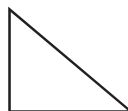
Rectangle



Pentagon



Ellipse

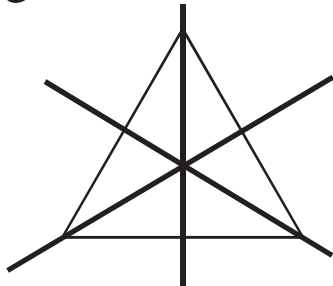
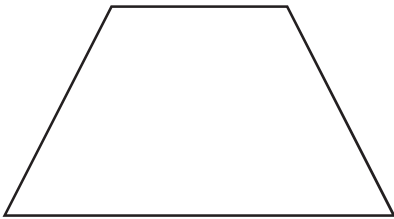
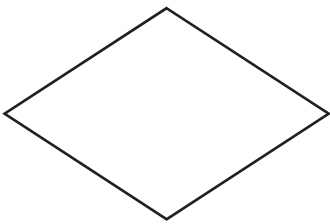
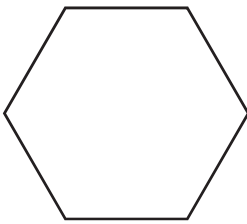


Right Triangle



Trapezoid

2 How many lines of symmetry can you find in each shape? Use your ruler to draw the lines of symmetry, and write the number.

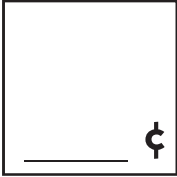

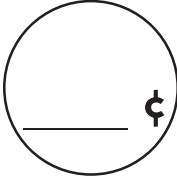

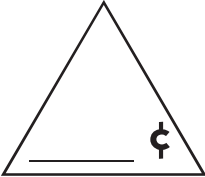

<p>example</p>  <p>An equilateral triangle has <u>3</u> lines of symmetry.</p>	<p>a</p>  <p>An isosceles trapezoid has _____ lines of symmetry.</p>
<p>b</p>  <p>A rhombus has _____ lines of symmetry.</p>	<p>c</p>  <p>A hexagon has _____ lines of symmetry.</p>

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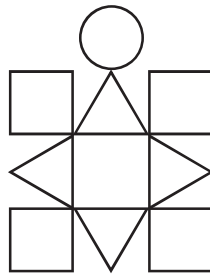
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The Shapes Shop

1 Count the money to find out how much each shape is worth. Write the price on the shape.

<p>a</p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 20px;">  </div>	<p>b</p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 20px;">  </div>	<p>c</p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 20px;">  </div>
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2 Maria bought some shapes at the Shapes Shop. She used all her shapes to make this picture. How much money did she spend? Show your work.






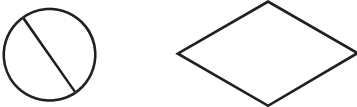
3 Use squares, circles, and triangles to make a picture worth 48¢. Label your work to prove it.

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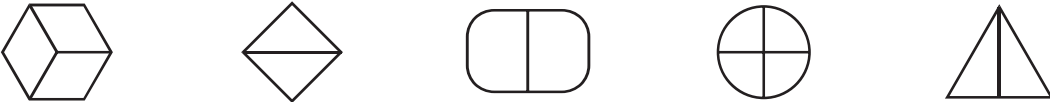

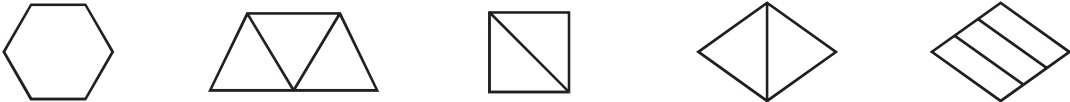
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Half & Half

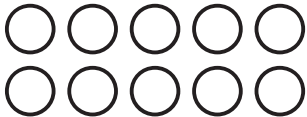



1 Circle the shape that shows two halves.

<p>a</p> 	<p>b</p> 
<p>c</p> 	<p>d</p> 

2 Circle the shapes that show two halves. Then color in half of each of them.

<p>a</p> 
<p>b</p> 
<p>c</p> 

3 Color $\frac{1}{2}$ of the objects in each box.


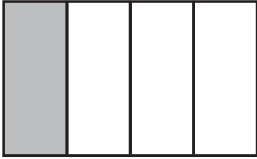


<p>a</p> 	<p>b</p> 
<p>c</p> 	<p>d</p> 

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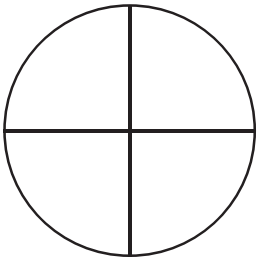
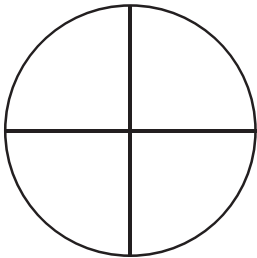
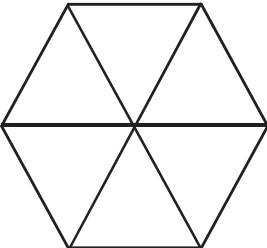
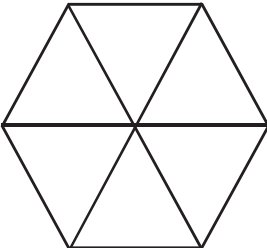
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Fractions

1 What part of each rectangle is colored? Circle the correct fraction.

<p>a</p>  <p>$\frac{1}{3}$ $\frac{2}{2}$ $\frac{1}{2}$ $\frac{3}{4}$</p>	<p>b</p>  <p>$\frac{1}{4}$ $\frac{2}{4}$ $\frac{1}{3}$ $\frac{3}{6}$</p>
<p>c</p>  <p>$\frac{2}{3}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{3}$</p>	<p>d</p>  <p>$\frac{3}{4}$ $\frac{2}{4}$ $\frac{3}{3}$ $\frac{5}{4}$</p>

2 Read each fraction and color in that part of the shape.

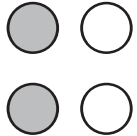
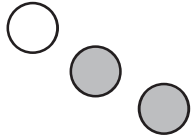
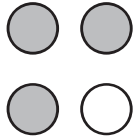
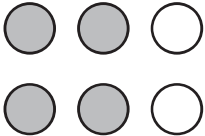
<p>a</p>  <p>$\frac{2}{4}$</p>	<p>b</p>  <p>$\frac{3}{4}$</p>
<p>c</p>  <p>$\frac{1}{6}$</p>	<p>d</p>  <p>$\frac{3}{6}$</p>

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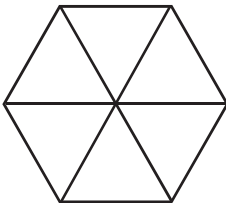
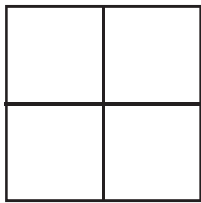
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More Fractions

1 What part of each set of circles is colored? Circle the correct fraction.

<p>a</p>  <p style="text-align: center;"> $\frac{1}{4}$ $\frac{2}{4}$ $\frac{1}{3}$ $\frac{2}{2}$ </p>	<p>b</p>  <p style="text-align: center;"> $\frac{3}{4}$ $\frac{2}{3}$ $\frac{1}{3}$ $\frac{3}{2}$ </p>
<p>c</p>  <p style="text-align: center;"> $\frac{3}{4}$ $\frac{4}{3}$ $\frac{1}{3}$ $\frac{4}{4}$ </p>	<p>d</p>  <p style="text-align: center;"> $\frac{3}{3}$ $\frac{4}{6}$ $\frac{1}{2}$ $\frac{1}{3}$ </p>

2 Follow the directions to complete each picture and then fill in the fraction.

<p>a Color $\frac{1}{6}$ of the hexagon yellow.</p> <ul style="list-style-type: none"> • Color $\frac{2}{6}$ of the hexagon purple. • Color the rest of the hexagon green.  <ul style="list-style-type: none"> • Write a fraction below to show what part of the hexagon is green. 	<p>b Color $\frac{2}{4}$ of the square red.</p> <ul style="list-style-type: none"> • Color $\frac{1}{4}$ of the square blue. • Color the rest of the square brown.  <ul style="list-style-type: none"> • Write a fraction below to show what part of the square is brown.
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