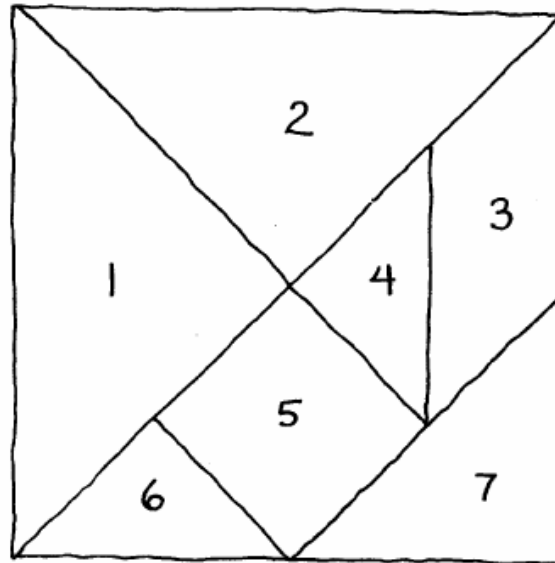


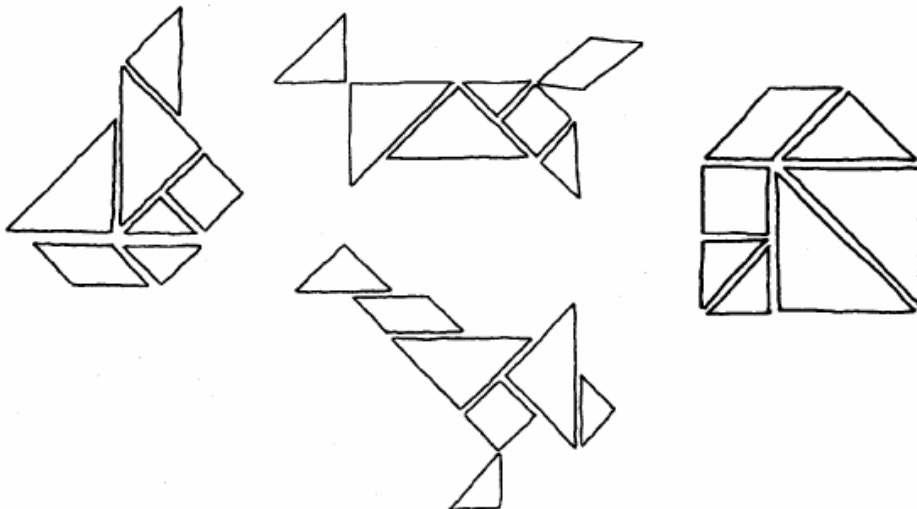
Tangram Activity, Math Shapes

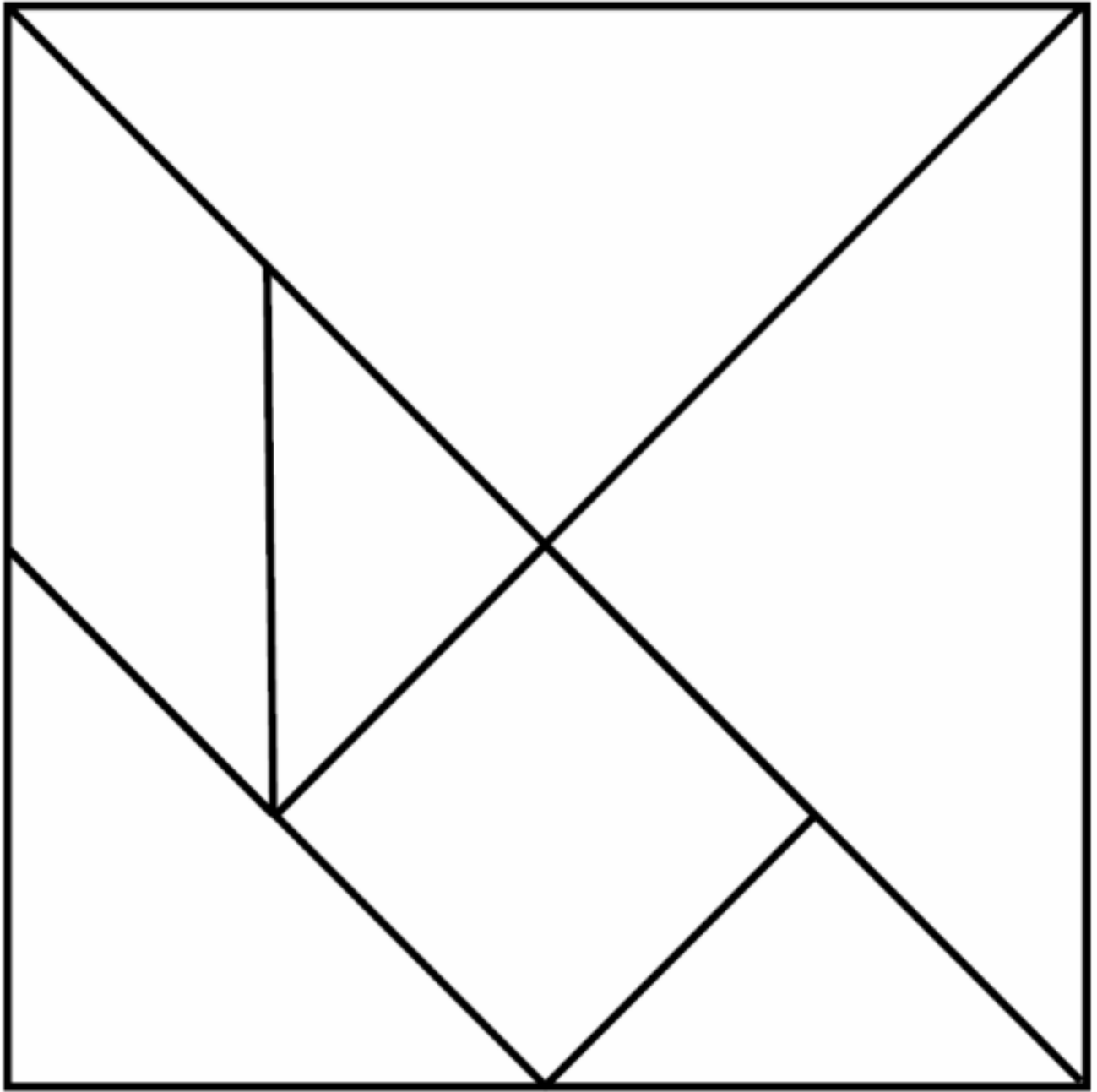
Numbers and Shapes Try-It, Activity One

Do you notice the seven shapes in the square? Each shape is called a "tan." You can create original tangram designs by putting the pieces together in different ways to form different pictures.


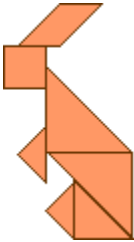




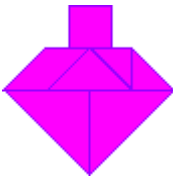


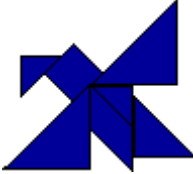


Print the large tangram pattern on the next page on cardstock or glue to a thin piece of cardboard (like a cereal box) and cut the paper on the lines. Try to remake the square by putting the pieces back together. Try to make some other patterns and designs. Here are a few to get you started.


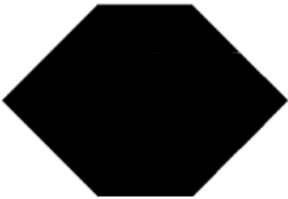





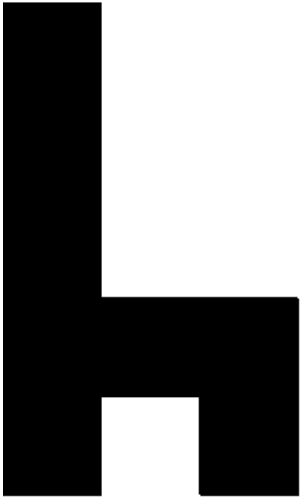





You can arrange these seven pieces into an incredible number of shapes, making animals, people, everyday objects, etc. See how many you can make - invent new ones!

 candle	 bunny	 cat
 dancer	 dancer	 cat
 spinning top	 duck	 swan
	 bird	

Want even more tangram fun? How about a challenge? Try making these tangrams using all of your shapes (yes, each design uses all of your shapes).

 <p>MAN</p>	 <p>HEXAGON</p>	 <p>RIGHT TRIANGLE</p>
 <p>BARN</p>	 <p>Sleepwalker</p>	 <p>Lost His Legs (yes, you still need to use all of the pieces)</p>
 <p>Mountains</p>		 <p>Chair</p>
 <p>Bridge</p>		



Those were really hard, huh? Here are the solutions, just in case some of them stumped you. The color coded square on the left shows you which pieces are which. The solutions are also color coded.

<p>MAN</p>	<p>HEXAGON</p>	<p>RIGHT TRIANGLE</p>
<p>BARN</p>	<p>Sleepwalker</p>	<p>Lost His Legs (yes, you still need to use all of the pieces)</p>
<p>Mountains</p>		<p>Chair</p>
<p>Bridge</p>		