



Who Put the Tang in Tangrams?

Units of Measure (area and length)

Name: _____

Area: 1 unit^2	Small Triangle Length: Small side (1) Large side (x)
	

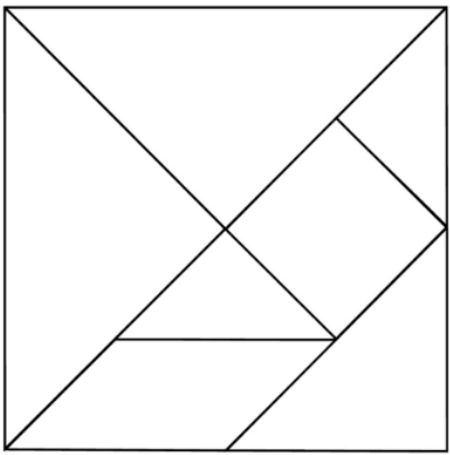
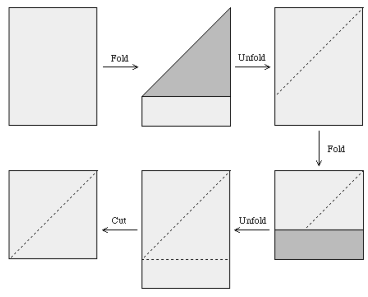
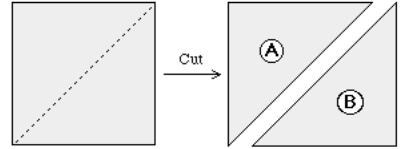
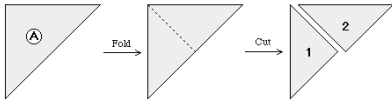
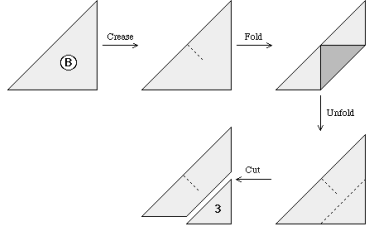
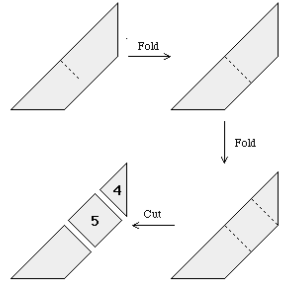
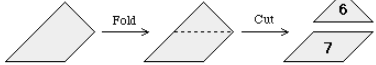



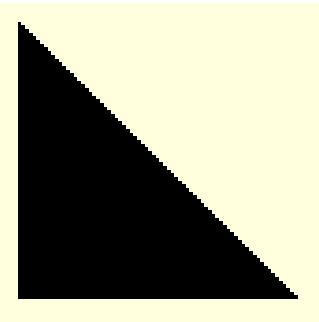

	<p>1. Fold a rectangular piece of paper so that a square is formed. Cut off the extra flap.</p> 	<p>2. Cut the square into two triangles.</p> 
<p>3. Take one triangle and fold it in half. Cut the triangle along the fold into two smaller triangles.</p> 	<p>4. Take the other triangle and crease it in the middle. Fold the corner of the triangle opposite the crease and cut.</p> 	<p>5. Fold the trapezoid in half and fold again. Cut along both folds.</p> 
<p>6. Fold the remaining small trapezoid and cut it in two.</p> 	<p>Formula for Area of a triangle:</p>	<p>Formula for area of a parallelogram:</p>

Figure	Show your thinking	Area of figure ($\# \text{unit}^2$)	Perimeter of figure
Small Square 			
Small Triangle 			
Medium Triangle 			
Large Triangle 			
Parallelogram 			
Trapezoid 