**The Tangrams Tasks**

1. Figure 1 shows the 7 tangram shapes.

If the large square represents 1 whole, what fraction does each piece represent?

2. Take the 7 tangram pieces and make the shapes in Figure2 and Figure 3, then draw the 7 pieces in the above figures.

(a) Which figure, 2 or 3, has the greater area? Justify your answer.

(b) Which figure, 2 or 3, has the greater perimeter? Justify your answer.