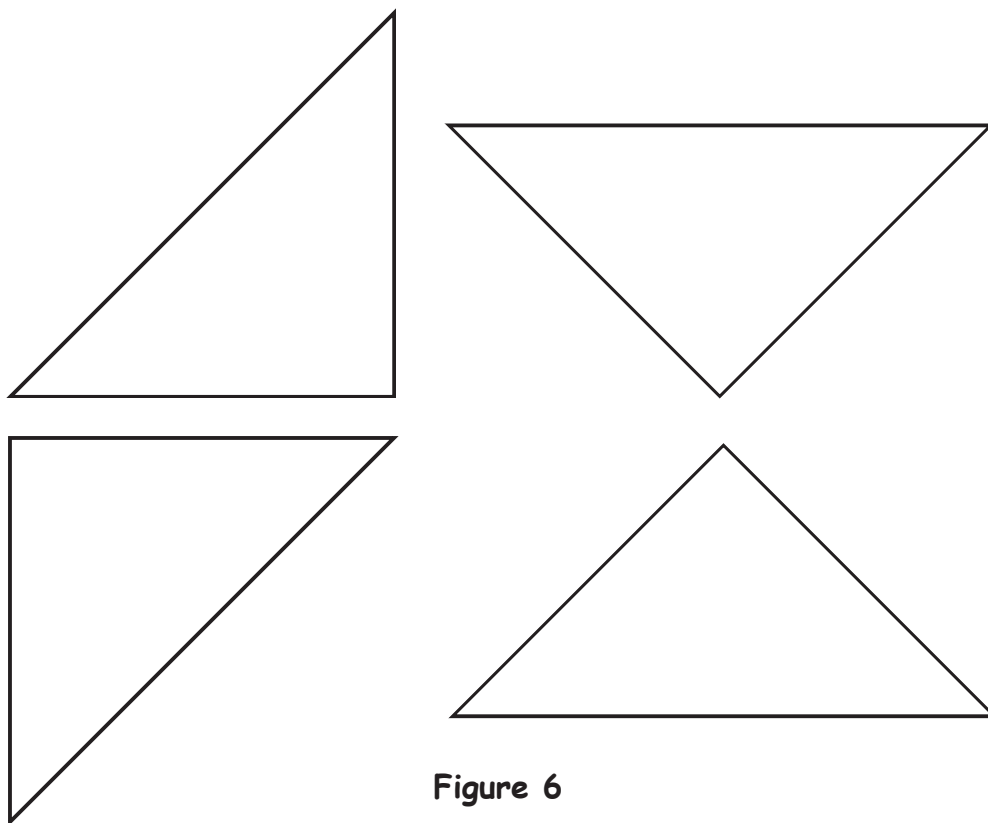


## Hands-On Geometry

### Activity 4

Take the big cardboard triangle, and cover each of the triangles in Figure 6 with it.

- *What can you say about all these triangles?*



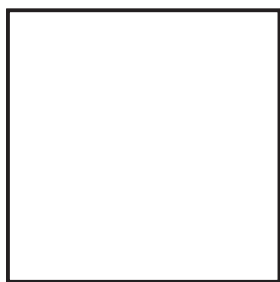
**Figure 6**

### Activity 5

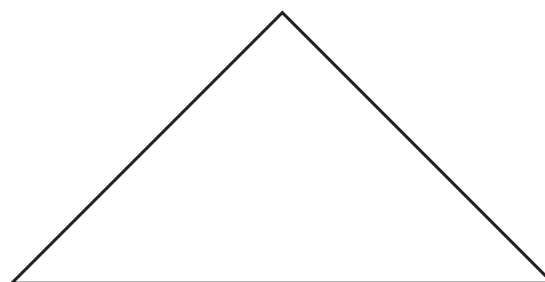
- 1) Use two small triangles to cover each of the triangles in Figure 6.
- 2) Compare the area of the small triangle with the area of the big triangle.

### Activity 6

- 1) Cover the square (Figure 7) with two small triangles, and use the same two triangles to cover the big triangle (Figure 8).
- 2) Compare the area of the square with the area of the big triangle.



**Figure 7**



**Figure 8**