

Hands-On Geometry

Activity 2

- 1) Take one of the small cardboard triangles, and cover the triangle in Figure 4.
 - *What can you say about the two triangles?*

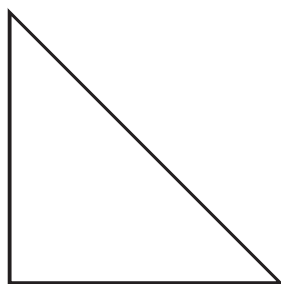


Figure 4

- 2) Next, cover each of the triangles in Figure 5 with the cardboard triangle.
 - *What can you say about all these triangles.*
 - *Does position and orientation alter the triangles?*

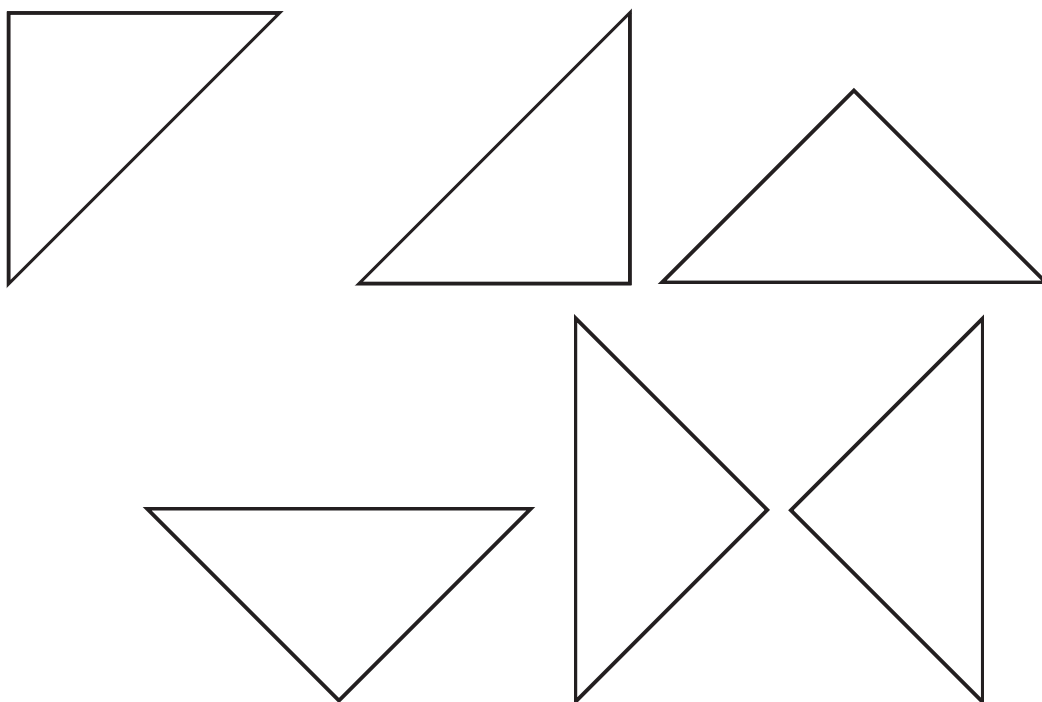


Figure 5

Activity 3

- 1) Use two of the small triangles to cover the square in Figure 2.
 - *What can you say about the area of the small triangle and the area of the square?*
- 2) Use the same two triangles to cover the square in Figure 3.