

LESSON
6•4**Geoboard Triangles**

Work with a partner or a small group.

- Materials**
- geoboard
 - rubber bands
 - geoboard dot paper (*Math Masters*, p. 429)

Directions

1. How many different-looking triangles can you make on your geoboard? Each partner or person in your group should try to find out.
2. Draw your triangles on geoboard dot paper.
3. Make the largest triangle you can on your geoboard. Use more rubber bands to split the triangle into 2 triangles. Then split it into 3 triangles. Now split it into 4 triangles. Can you make more than 4 triangles? Try.
4. Draw your triangles on geoboard dot paper.

Follow-Up

Look at the triangles you and your partner drew.

5. List how the triangles are alike.

6. List how the triangles are different.
