

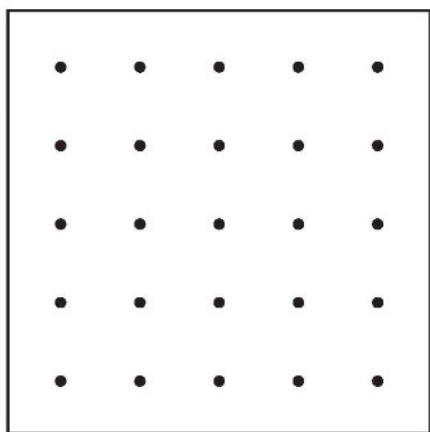
**LESSON**  
**6•6****Geoboard Polygons**

Work in a small group.

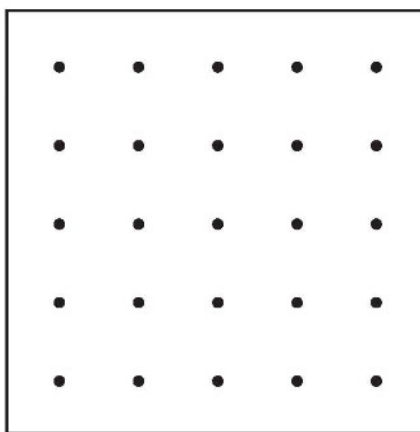
**Materials**     geoboard         rubber bands         ruler

**Directions**    Each person uses a geoboard to make the following polygons. Copy each polygon below.

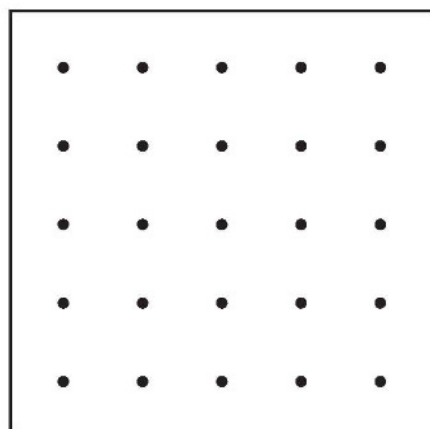
1. Make a triangle in which each side touches exactly 3 pins.



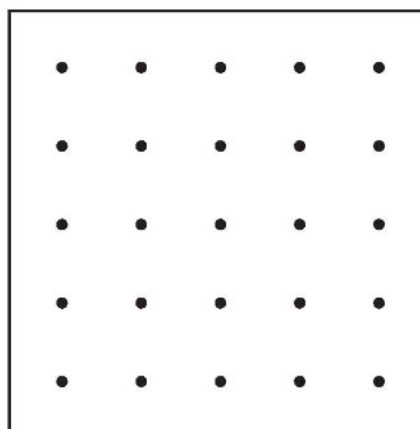
2. Make a quadrangle in which each side touches exactly 4 pins.



3. Make a pentagon that touches at least 5 pins.



4. Make a hexagon whose sides touch exactly 6 pins in all.



5. Compare your polygons with those of others in your group. Talk about how the polygons are alike and different. Use your ruler to check which of the polygons have sides that are equal in length.