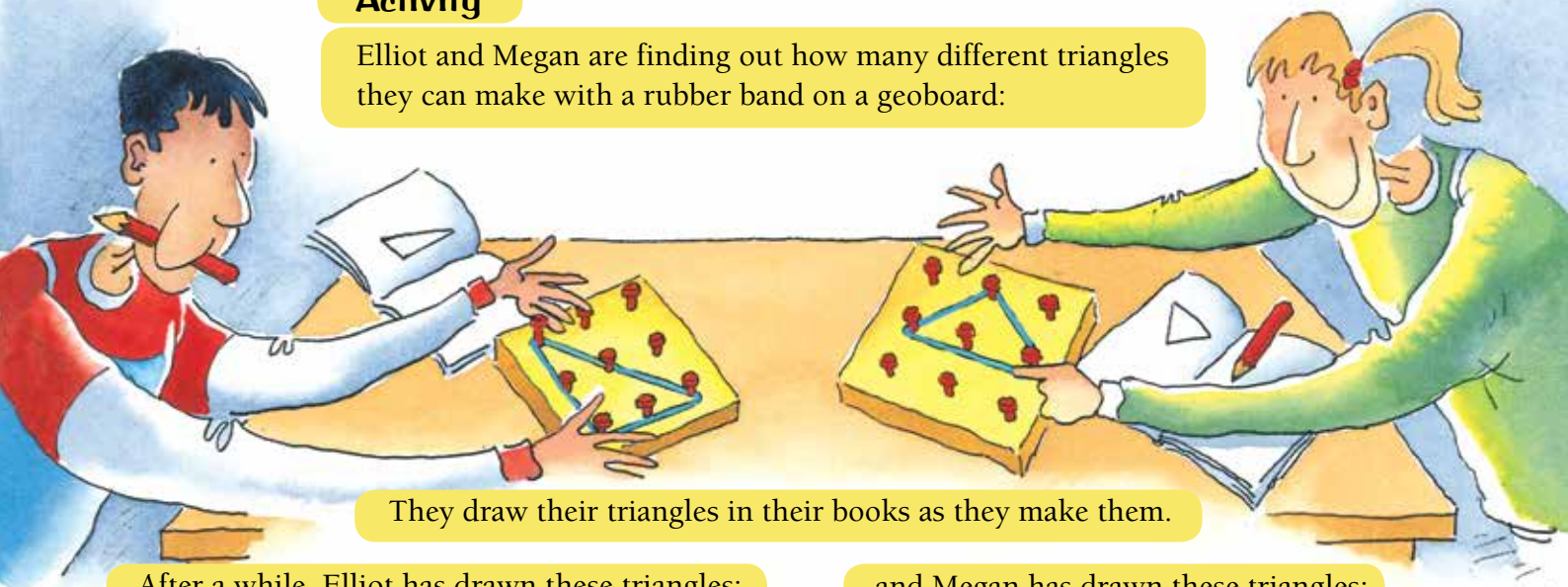


# Good Points about Triangles

**You need** ✓ photocopies of the geoboard copymaster ✓ a rubber band  
 ✓ a geoboard ✓ a classmate

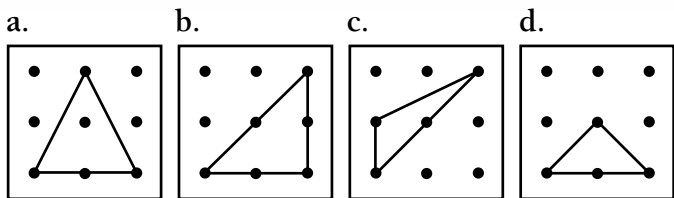
## Activity

Elliot and Megan are finding out how many different triangles they can make with a rubber band on a geoboard:

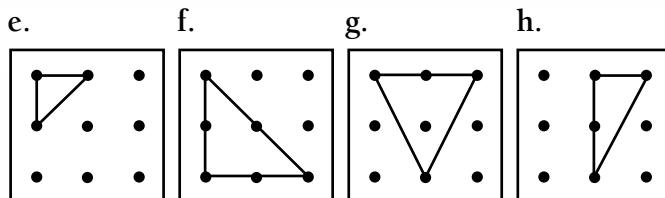


They draw their triangles in their books as they make them.

After a while, Elliot has drawn these triangles:



and Megan has drawn these triangles:



1. With a classmate, sort Elliot and Megan's triangles into groups. Discuss what is the same about the triangles in each group.

2. Find out what similar and congruent triangles are. Make an example of each on your geoboard.

3. Elliot and Megan start a chart of the different triangles that can be made on a nine-pin geoboard.

Copy Elliot and Megan's chart into your book and complete it for them.

4. Investigate with a classmate why there is no equilateral triangle on Elliot and Megan's chart.

