



Activity 13.4 CAN YOU MAKE IT?

Create a collection of challenges. Each challenge describes one or more properties of a shape, and the student challenge is to create a shape with these properties on the geoboard. The list of properties of shapes that follows is only a sample. Try combining two or more properties to create new challenges. Also, have students create challenges that can be posted for others to try.

- A shape with just one square corner and four sides
- A shape with two square corners (or three, four, five, or six square corners)
- A shape with one line of symmetry (or two lines of symmetry)
- A shape with two pairs of parallel lines
- A shape with two pairs of parallel lines and no right angles

From Van de Walle et. al. (2014). *Teaching Student-Centered Mathematics Grades: Developmentally Appropriate Instruction for Grades 6 – 8 (2nd Ed.)*. Toronto: Pearson Education, Inc. (p. 269).