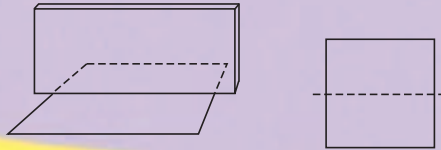# Getting in Line

You need ☑ pattern blocks   ☑ mirrors

Activity

There are many lines on a square that you can place a mirror on so that you still seem to be looking at the whole square. Here is one mirror line for a square.
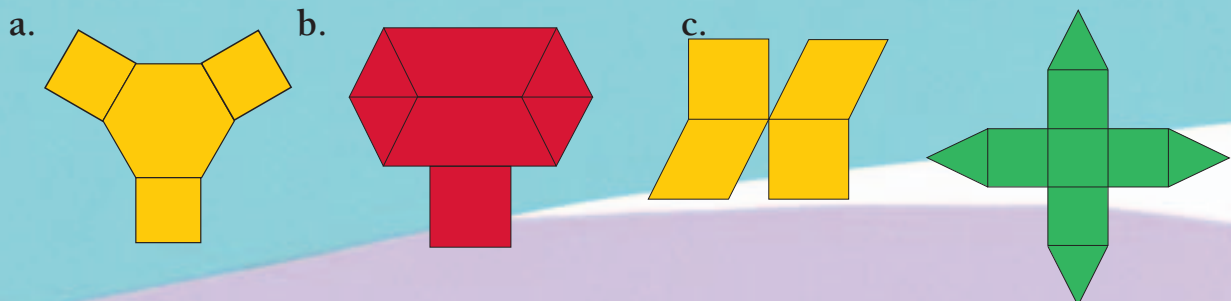
1. Draw a square showing all its mirror lines.

2. Use the pattern blocks to draw these shapes:

   triangle
   rhombus
   trapezium
   hexagon

   a. Mark the mirror lines on each shape.

   b. How many mirror lines does each shape have?

3. Below are some patterns made with blocks.

   How many mirror lines does each pattern have?

   a.   b.   c.

4. Use your set of pattern blocks to build:

   a. a pattern that has one line of symmetry.

   b. a pattern that has three lines of symmetry.

   c. a pattern that has four lines of symmetry.