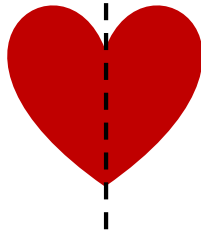


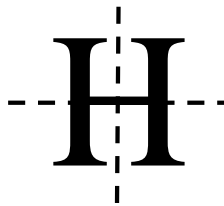
Symmetry with Pattern Blocks

We say that an object is **symmetrical** when one side is exactly the same as the other side. The line that divides the image into two identical parts is called a **line of symmetry**. Some objects have more than one line of symmetry.

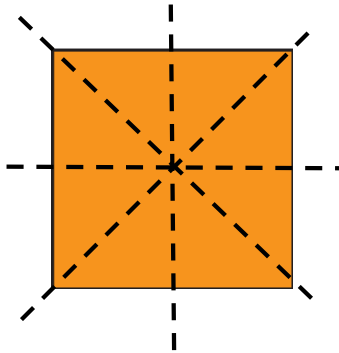
A heart shape is an example of an object that has one line of symmetry.



A capital H has two lines of symmetry.



The orange square pattern block piece has four lines of symmetry.



How many lines of symmetry do the other pattern block pieces have? On another piece of paper, trace around each block and then draw your own lines of symmetry.

On the back of this paper, draw a line or use a ruler to divide your work space into two halves. The line or ruler will become your line of symmetry. Create a shape that is identical on both sides of the line or ruler.

Is your shape symmetrical? Why or why not?