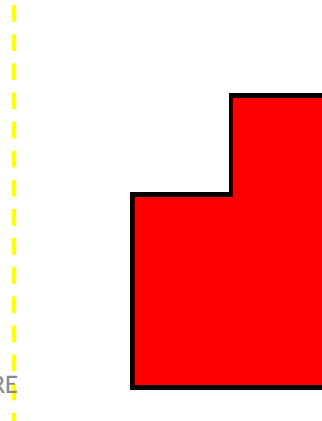


Line Symmetry

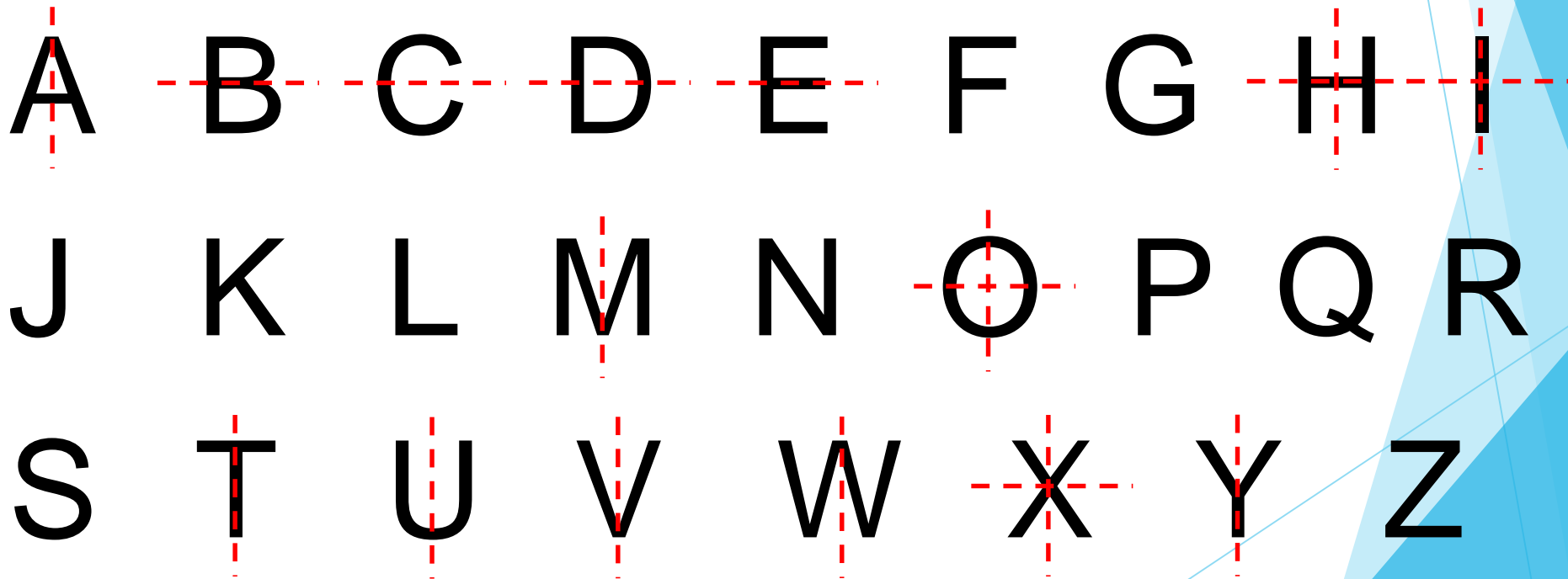
Line Symmetry

- ▶ If a shape can be folded in half so that one half fits exactly on top of the other, then we say that the shape has got *line symmetry*.
- ▶ The fold is called a *line of symmetry*.
- ▶ This shape has got a vertical line of symmetry.



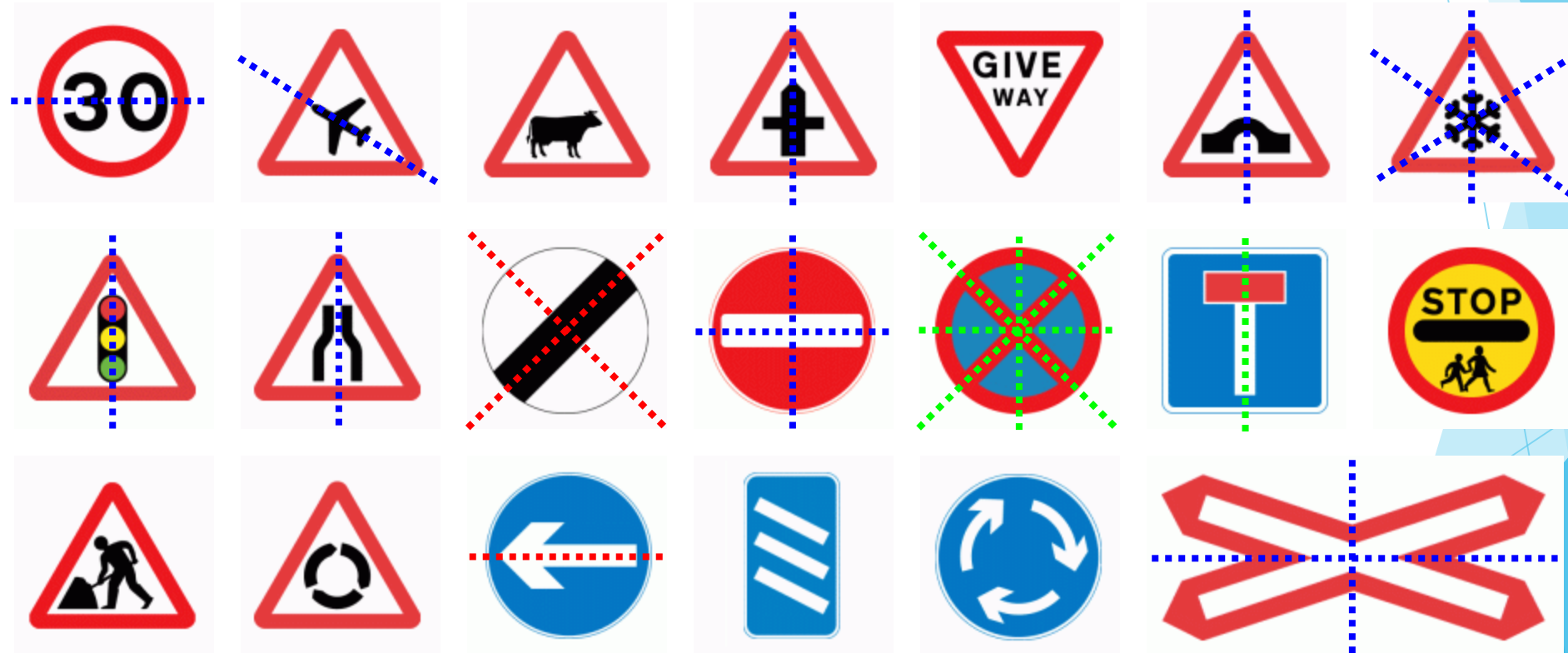
Line Symmetry in the Alphabet

Which letters have got lines of symmetry?

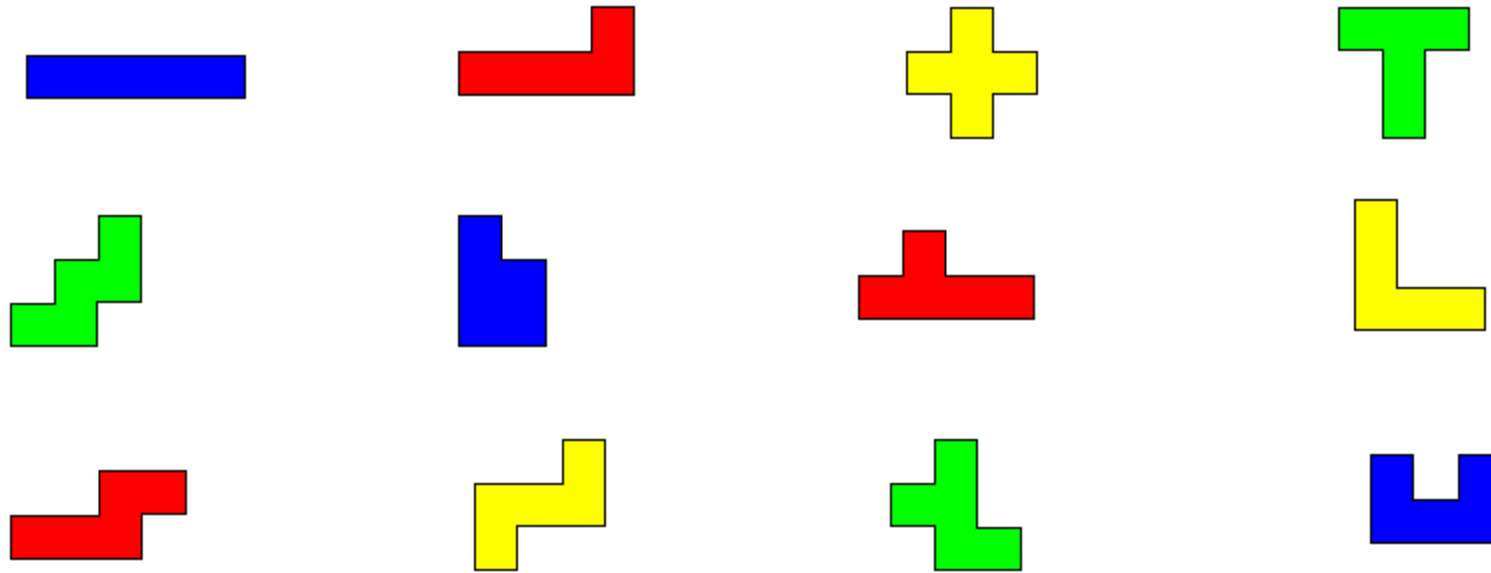


Lines of Symmetry all around us

Which of these road signs have got lines of symmetry?



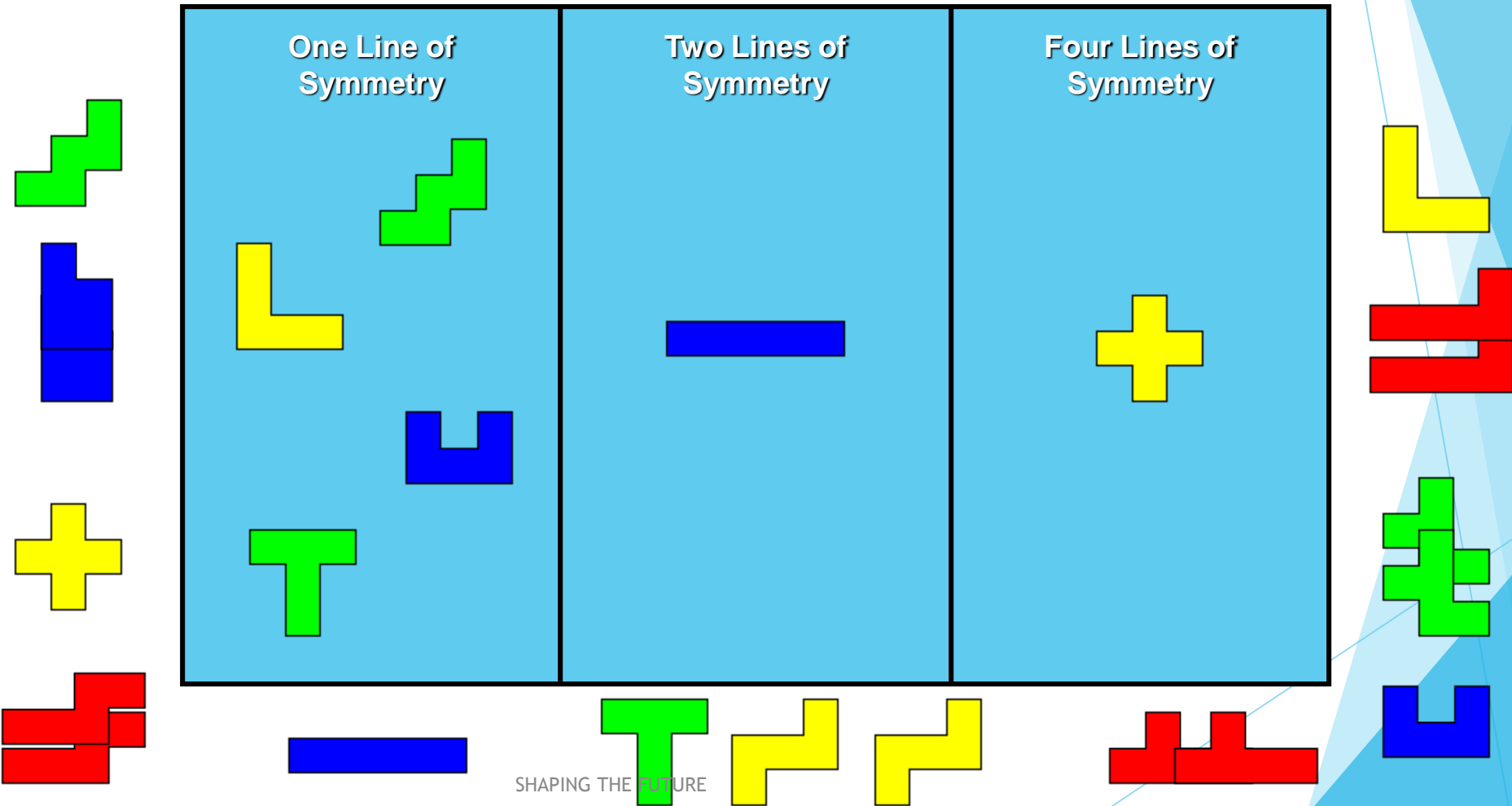
Line Symmetry with Pentominoes



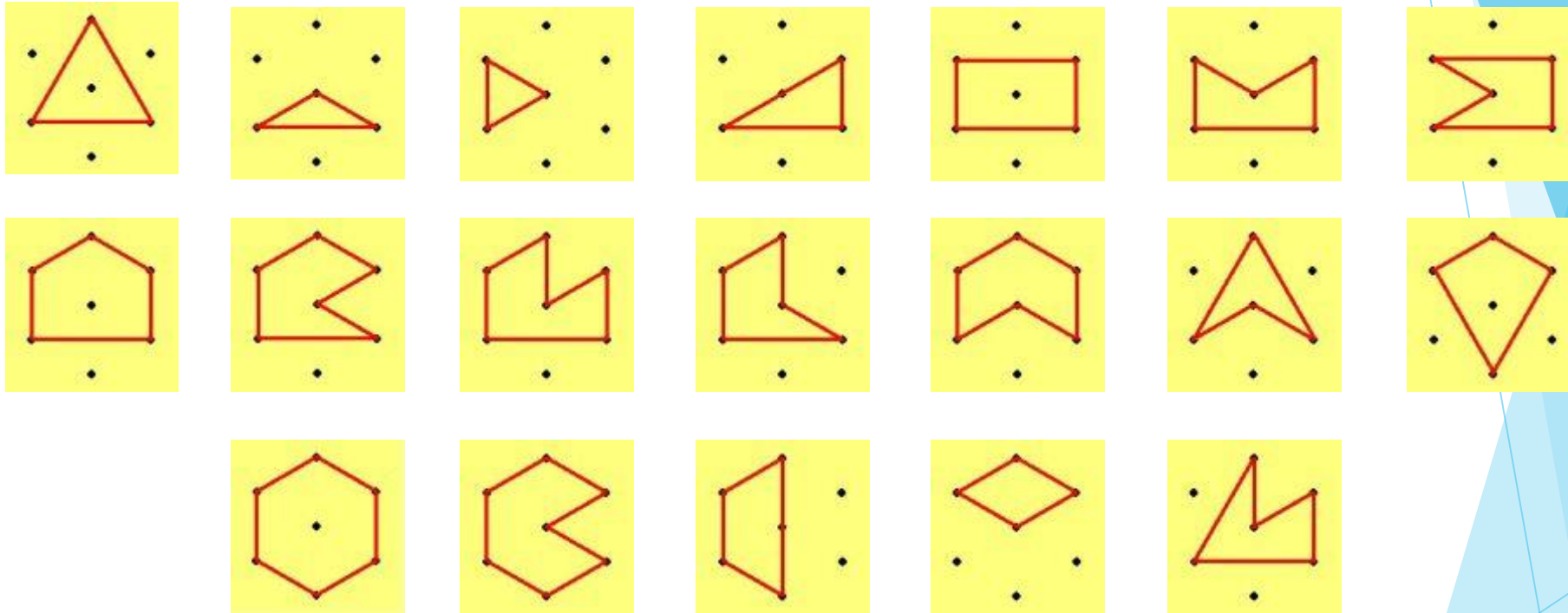
How many lines of symmetry does each Pentomino have?

Sort them according to their lines of symmetry.

Line Symmetry with Pentominoes





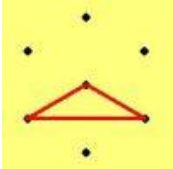
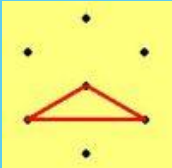

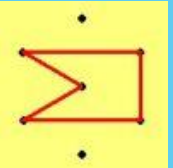
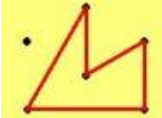
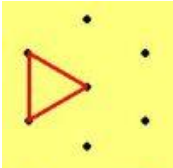
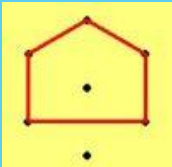
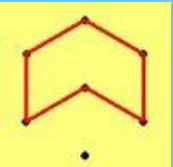
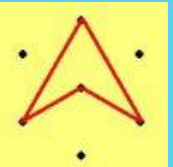
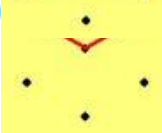
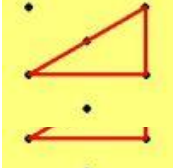
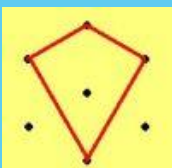
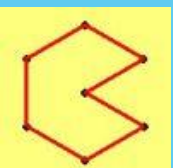
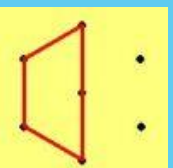
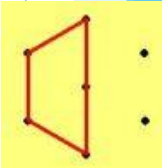
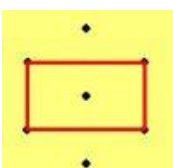
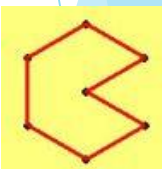
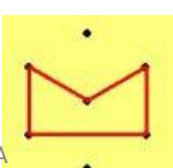
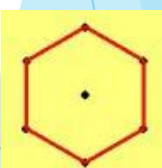
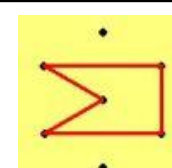
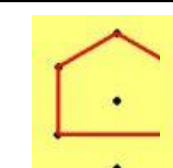
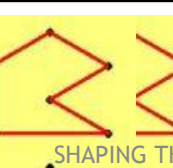

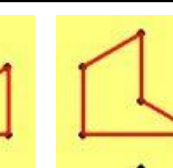
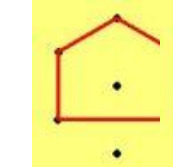
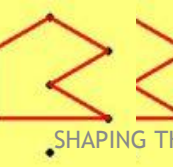

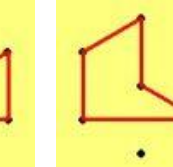
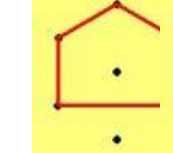
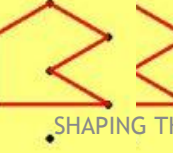

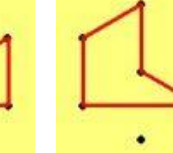
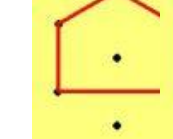


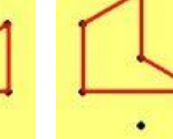
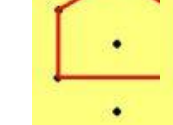


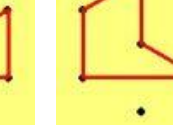
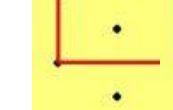


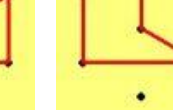
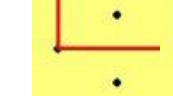
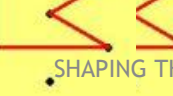
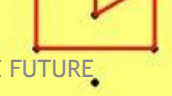

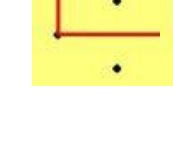
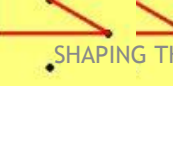

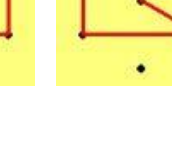
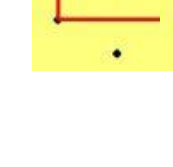
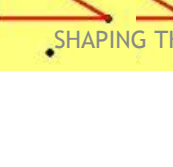

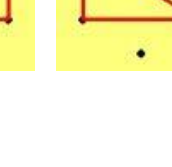
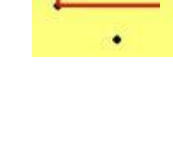
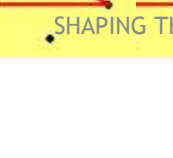

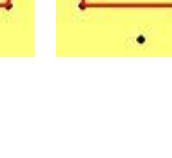

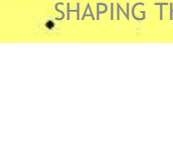



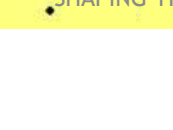
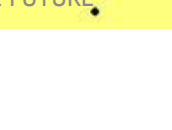




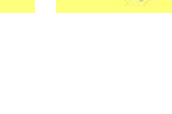




























Line Symmetry with 7-Pin Polygons



How many lines of symmetry does each 7-Pin Polygon have?

Sort them according to their lines of symmetry.

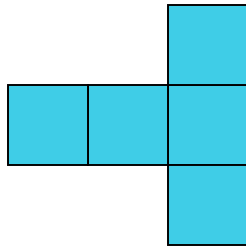
Line Symmetry with 7-Pin Polygons

	One Line of Symmetry	Two Lines of Symmetry	Three Lines of Symmetry	Six Lines of Symmetry	
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					
					

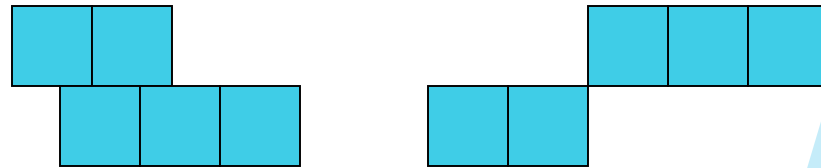
Pentominoes

A pentomino is made out of five squares that are connected along at least one edge.

Here is an example of a pentomino.



These are NOT pentominoes.



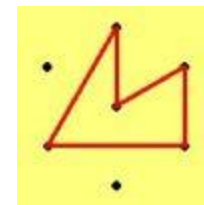
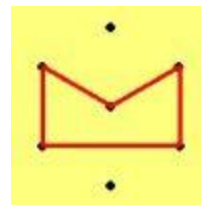
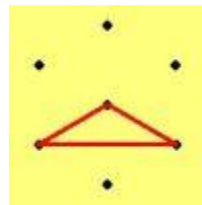
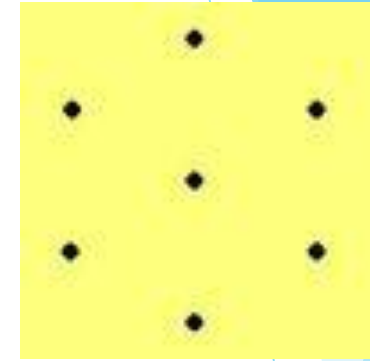
How many different pentominoes can you find?

7-Pin Polygons

Here is an arrangement of 7 pins.

A 7-pin polygon is a closed shape with straight sides with corners on the pins.

Here are some examples of 7-pin polygons.



How many different 7-pin polygons can you find?

THANK YOU