
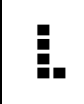
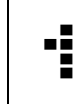
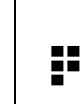
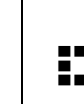
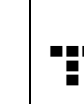
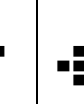
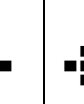
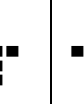

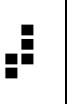
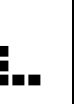
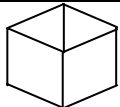


Pentominoes grid

Using the following grid to record your findings, investigate some of the properties of the Pentomino shapes.

The shapes												
Letter-names (to help identify shapes)	I	L	Y	P	C	T	X	F	Z	N	V	W
Perimeter (counting the edge of a small square as one unit)												
Number of sides (disregarding length of side)												
Number of lines of symmetry												
Rotational symmetry												
How many different positions (when "flipped and rotated) ?												
Will the shape fold to make an open box? 												
Will shape tessellate (to form a tile pattern with no gaps) ?												

Helpful hint: Some of the problems will be easier to solve if you cut out the shape.

