

Geometry: Ladybug Lane

Focal Point

Geometry – Describing shapes and space.

Identify angles as corners of a polygon. Identify sides of a polygon. Sort shapes according to the number of angles and sides.

Materials

- Pattern blocks

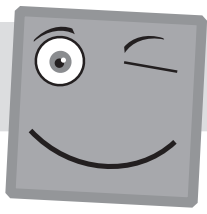
Instructions

Show students the sides and the corners, using a square pattern block as an example. Show students the path the ladybug would take around the square. When she gets to the end of a SIDE, she has to make a turn. She turns at a CORNER. Ask the children to take each block and use a finger to trace the ladybug's path along the edge of the shape. For each pattern block have them count the number of sides and put the number in the correct space. Then tell them to count the number of turns the ladybug makes (corners) and put the number in the correct space.



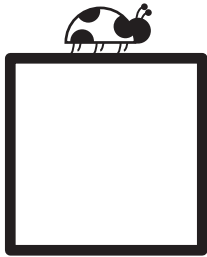
Explore More with PB!

Students take one of each pattern block (all 6) and sort pattern blocks according to the number of sides. Next they should take an identical set of 6 pattern blocks and sort them according to the number of corners. Are the two sets of pattern blocks the same? Why? Ask if shapes made with straight sides always have the same number of sides as they have corners.



Ladybug Lane

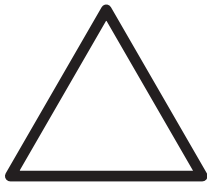
Name: _____



SQUARE

Sides? _____

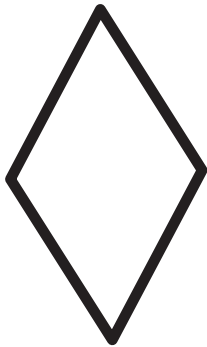
Corners? _____



TRIANGLE

Sides? _____

Corners? _____



RHOMBUS

Sides? _____

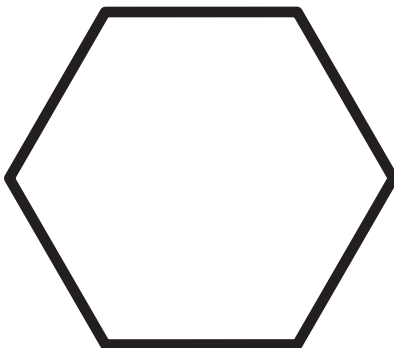
Corners? _____



TRAPEZOID

Sides? _____

Corners? _____



HEXAGON

Sides? _____

Corners? _____