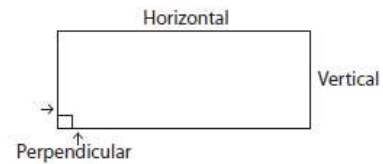# Investigating Perpendicular Sides

Quick Review

➤ Look at the chalkboard.

The top and bottom edges are **horizontal**.
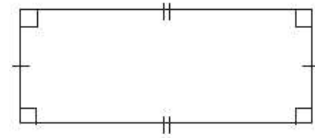The side edges are **vertical**.
A horizontal edge and a vertical edge
are **perpendicular**.
That is, these edges intersect to form a **right angle**.

When 2 sides of any shape make a
right angle, we say the sides are
perpendicular.
We draw a square to show a right angle.
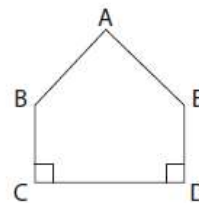
This shape has 5 sides.
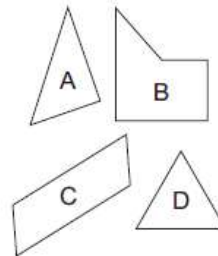It is a pentagon.
In pentagon ABCDE,
BC is perpendicular to CD.
We write: BC ⊥ CD
Also, ED ⊥ CD

1. Tell which shapes have:
   a) three right angles _____
   b) no right angles _____
   c) one right angle _____

2. Look at the shape. Name:
   a) horizontal sides _____
   b) vertical sides _____
   c) perpendicular sides _____