

COUNT THE SIDES TO NAME THE SHAPE

- 1 Look at the shape and count each straight side.
- 2 If there are exactly three sides, it is a triangle.
- 3 If there are exactly four sides, it is a quadrilateral.

 WARM-UP

Sort each named shape into the empty grid cell that matches its sides and angles.

All sides equal Sides not all equal

3 sides

4 sides

1. Place the pointy roof shape with 3 equal sides.
2. Place the square tile, which has 4 equal sides.
3. Place the long thin bridge frame, which has 4 sides that are not all equal.

 PRACTICE

- 1** You build a shape with straws for a tall thin house roof.

How many sides does the shape have?

- 2** You make a wide flat base for the garden shed using four straws.

Is the shape a triangle or a quadrilateral?

- 3** In your building project, show two triangles that look very different.

ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- a. A shape with three straight sides is a triangle.
- b. A square is a quadrilateral.
- c. A quadrilateral is a square.
- d. A shape with five sides is a triangle.

REFLECT

What stays the same about every triangle, even when they look very different?