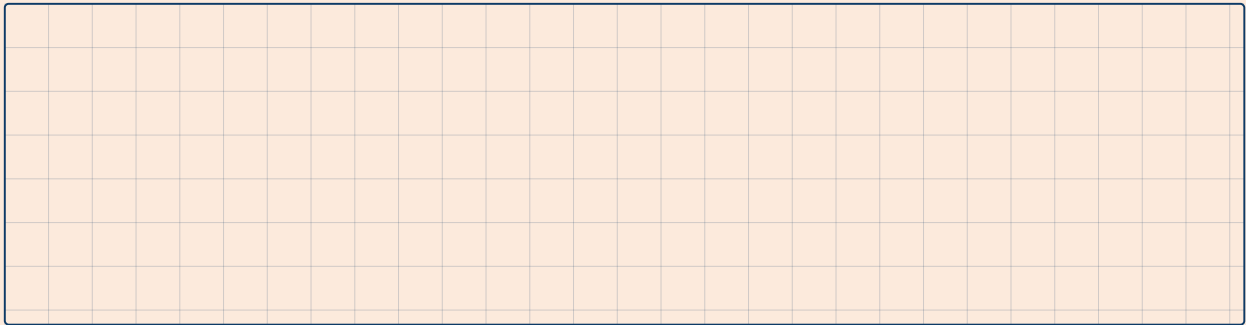


COUNTING THE STOP-SIGN SIDES

- 1 Look at the flat stop-sign shape from the road.
- 2 Tap each straight side one by one all the way round.
- 3 Count **1 2 3 4 5 6 7 8**.
- 4 Eight sides means the shape is an octagon.

WARM-UP

Draw each shape on the squared space, then number its sides as you go round.



1. Draw a pentagon. Number each side as you go round it.
2. Draw a hexagon. Number each side the same way.
3. Draw an octagon. Number each side the same way.

PRACTICE

- 1 While making a birdhouse you cut a pentagon for the front panel. How many straight sides does a pentagon have?
- 2 Building a model beehive needs hexagon cells. How many straight sides does a hexagon have?
- 3 You sort the pieces in your construction set. A building block has **6** straight sides. What shape is it?

? ALWAYS, SOMETIMES, NEVER

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

- | | |
|---|--|
| a. A pentagon has five straight sides. ☐ | c. Turning a shape onto its side changes its number of sides. ☐ |
| b. A hexagon has eight sides. ☐ | d. A stop sign is an octagon. ☐ |

IRISH FACT

Hexagons at the Giant's Causeway

Most of the stone columns at the Giant's Causeway in County Antrim are **hexagons** — each one has **6** straight sides that lock tightly against the next column.

UNESCO World Heritage



REFLECT

How does a shape's name help you remember how many sides it has?

