

1 Warm-up: Vertex Fluency

2-min Fluency Warm-up — Vertices in a flash!

A triangle has _____ vertices.

A square has _____ vertices.

A rectangle has _____ vertices.

A hexagon has _____ vertices.

2 Estimate First: How Many Sides?

Estimate First! Glance at each shape for ONE second. Guess how many sides — then count to check.



My guess: _____ Actual count: _____



My guess: _____ Actual count: _____



My guess: _____ Actual count: _____



My guess: _____ Actual count: _____

3 Polygon or Not?

A **polygon** is a closed shape made only of straight sides. If a shape is open or has curves, it is **NOT** a polygon. Write **yes** or **no**.



Polygon? _____



Polygon? _____



Polygon? _____



Polygon? _____



Polygon? _____



Polygon? _____

4 Show Two Different Ways

Show Two Different Ways — A circle is not a polygon. Give two different reasons a shape might fail the polygon test.

Reason 1: _____

Reason 2: _____

5 Word Problem

Think about what is happening.

Jake drew a shape with 4 straight sides, but he forgot to connect the last side back to the start. His sister says it is a quadrilateral. Is she right? Explain.

My thinking: _____

Right or wrong? _____