

GEOMETRY: POLYGONS

What Are Polygons?

- Polygons are many-sided figures, with sides that are line segments.
- Polygons are named according to the number of sides and angles they have.
- A polygon is a closed figure made by joining line segments.
- The most familiar polygons are the triangle, the rectangle, and the square.

How to name polygons:

Polygons are named by the amount of sides they have.

Count the



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8 sides - octagon

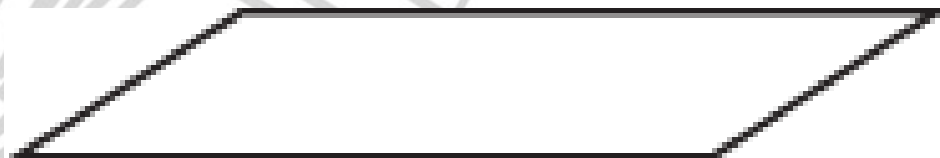
9 sides - nonagon

10 sides - decagon

11 sides - hendecagon

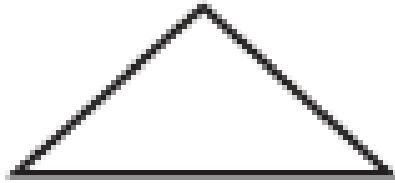
12 sides - dodecagon

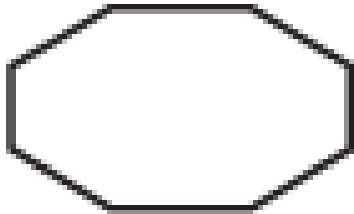
Example: this 4-sided polygon is a **quadrilateral**.



Try This!

Name the polygon.







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