

Name: _____

Polygons

1. How many sides does an octagon have? _____

2. How many angles does a triangle have? _____

3. Does a rectangle have more sides or angles? _____

4. How many sides does a pentagon have? _____

5. Which has more sides: a hexagon or a pentagon? _____

6. How many pairs of parallel lines does a trapezoid have? _____

7. How _____

8. How _____

9. Wha _____

10. Nan _____



PREVIEW

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_____ / _____ / _____ / _____

11. Does a polygon usually have more sides or more angles? Explain.

12. Is a cube a polygon? Why or why not?

ANSWER KEY

Polygons

1. How many sides does an octagon have? **eight**
2. How many angles does a triangle have? **three**
3. Does a rectangle have more sides or angles? **same number (four)**
4. How many sides does a pentagon have? **five**
5. Which has more sides: a hexagon or a pentagon? **hexagon**
6. How many pairs of parallel lines does a trapezoid have? **one**

7. How
8. How
9. Wha
10. Nan



square, rectangle, parallelogram, rhombus

11. Does a polygon usually have more sides or more angles? Explain.

A polygon has the same number of sides and angles because they are closed figures with non-intersecting lines.

12. Is a cube a polygon? Why or why not?

A cube is not a polygon. Polygons are flat, plane figures. A cube is a 3- dimensional solid figure.