ZiloAcademy

✨ Grade 6 Maths — Polygons ✨

Name: Demo Grade 6 **Date:** 26/11/2026

1. What is the name of a polygon with 7 sides?

2. The interior angles of a polygon add up to 2520°. How many sides does it have?

3. The interior angles of a polygon add up to 2160°. How many sides does it have?

4. What is the sum of the interior angles of a polygon with 19 sides? (Use the formula $(n - 2) \times 180°$.)

5. The interior angles of a polygon add up to 1620°. How many sides does it have?

6. A regular polygon has 32 equal sides and equal angles. What is the size of each interior angle, in degrees? (Round to 2 decimal places if needed.)

7. What is the name of a polygon with 10 sides?

8. What is the sum of the interior angles of a polygon with 25 sides? (Use the formula $(n - 2) \times 180°$.)

9. What is the sum of the interior angles of a polygon with 31 sides? (Use the formula $(n - 2) \times 180°$.)

10. The interior angles of a polygon add up to $5040°$. How many sides does it have?