ZiloAcademy

✨ Grade 7 Maths — Polygons ✨

Name: Demo Grade 7 **Date:** 26/11/2026

1. The interior angles of a polygon add up to 4140°. How many sides does it have?

2. A regular polygon has 8 equal sides and equal angles. What is the size of each INTERIOR angle, in degrees? (Round to 2 decimal places if needed.)

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

4. What is the size of each EXTERIOR angle of a regular polygon with 21 sides? (Round to 2 decimal places if needed.)

5. What is the name of a polygon with 3 sides?

6. What is the size of each EXTERIOR angle of a regular polygon with 6 sides? (Round to 2 decimal places if needed.)

7. The interior angles of a polygon add up to 5760°. How many sides does it have?

8. What is the size of each EXTERIOR angle of a regular polygon with 33 sides? (Round to 2 decimal places if needed.)

9. Which has the bigger interior angle sum: a polygon with 20 sides, or one with 8 sides?

10. A regular polygon has 13 equal sides and equal angles. What is the size of each INTERIOR angle, in degrees? (Round to 2 decimal places if needed.)