ZiloAcademy

✨ Grade 7 Maths — Geometry ✨

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

1. Two angles are complementary (they add to 90°). One angle is 75°. What is the other angle, in degrees?

2. A circle has a radius of 15 cm. What is its area, in cm²? (Use π ≈ 3.14, round to 1 decimal place.)

3. A circle has a radius of 12 cm. What is its area, in cm²? (Use π ≈ 3.14, round to 1 decimal place.)

4. Two rectangles are similar. The smaller one is 3 cm × 8 cm. The larger one is scaled up by a factor of 4. What is the larger rectangle's length, in cm?

5. Two angles are complementary (they add to 90°). One angle is 69°. What is the other angle, in degrees?

6. Two angles are complementary (they add to 90°). One angle is 11°. What is the other angle, in degrees?

7. A circle has a radius of 7 cm. What is its area, in cm^2? (Use $\pi \approx 3.14$, round to 1 decimal place.)

8. A circle has a radius of 18 cm. What is its circumference, in cm? (Use $\pi \approx 3.14$, round to 1 decimal place.)

9. Two rectangles are similar. The smaller one is 5 cm × 7 cm. The larger one is scaled up by a factor of 3. What is the larger rectangle's length, in cm?

10. A circle has a radius of 6 cm. What is its circumference, in cm? (Use $\pi \approx 3.14$, round to 1 decimal place.)