ZiloAcademy

✨ Grade 10 Maths — Angle Geometry ✨

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

1. Two parallel lines are cut by a transversal. One angle is 112°. Find its alternate angle (degrees).

2. Two parallel lines are cut by a transversal. One angle is 49°. Find its co-interior angle (degrees).

3. Two interior angles of a triangle are 28° and 41°. Find the exterior angle at the third vertex.

4. Three angles of a quadrilateral are 89°, 89° and 90°. Find the fourth angle.

5. Two parallel lines are cut by a transversal. One angle is 114°. Find its co-interior angle (degrees).

6. Two parallel lines are cut by a transversal. One angle is 36°. Find its co-interior angle (degrees).

7. Three angles of a quadrilateral are 68°, 89° and 111°. Find the fourth angle.

8. Two parallel lines are cut by a transversal. One angle is 51°. Find its co-interior angle (degrees).

9. Three angles of a quadrilateral are 71°, 101° and 98°. Find the fourth angle.

10. An isosceles triangle has an apex angle of 94°. Find each base angle.