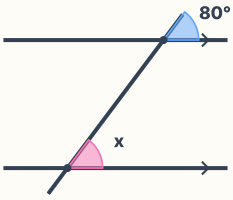
ZiloAcademy

✨ Grade 7 Maths — Parallel Lines ✨

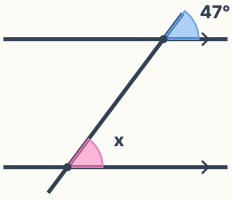
Name: Demo Grade 7 **Date:** 26/11/2026

1



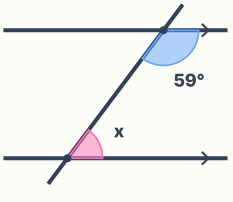
A transversal crosses two parallel lines, as shown. The known angle is 80°. What is the size of angle x, in degrees?

2



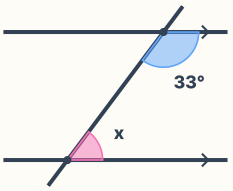
A transversal crosses two parallel lines, as shown. The known angle is 47°. What is the size of angle x, in degrees?

3



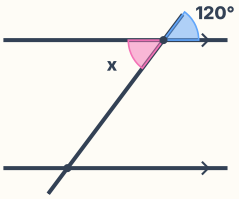
A transversal crosses two parallel lines, as shown. The known angle is 59°. What is the size of angle x, in degrees?

4



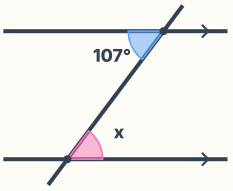
A transversal crosses two parallel lines, as shown. The known angle is 33°. What is the size of angle x, in degrees?

5



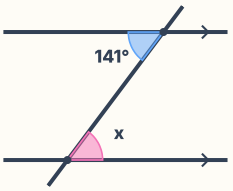
Two straight lines cross, as shown. The known angle is 120°. What is the size of angle x, in degrees? (These two angles are vertically opposite.)

6



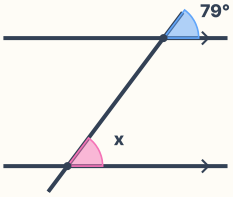
A transversal crosses two parallel lines, as shown. The known angle is 107°. What is the size of angle x, in degrees?

7



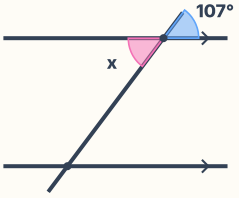
A transversal crosses two parallel lines, as shown. The known angle is 141°. What is the size of angle x, in degrees?

8



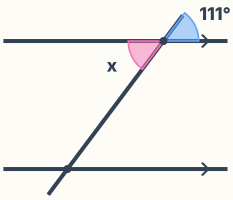
A transversal crosses two parallel lines, as shown. The known angle is 79°. What is the size of angle x, in degrees?

9



Two straight lines cross, as shown. The known angle is 107°. What is the size of angle x, in degrees? (These two angles are vertically opposite.)

10



Two straight lines cross, as shown. The known angle is 111°. What is the size of angle x, in degrees? (These two angles are vertically opposite.)