





As shown in the figure, given that angle P = 50.0, then the size of angle ACB is?

Choices:

A: 65° B: 60° C: 55° D: 50°

Using the tangent-secant theorem, the angle between a tangent and a chord (∠APB) equals the angle subtended by the chord in the alternate segment (∠ACB). Given ∠APB=50°, it follows that ∠ACB=50°. Thus, the size of ∠ACB is 50°, and the correct option is