

In $\triangle ABC$, $\angle A = \angle B = 62^\circ$. Find $\angle C$.

Question:

- A. 62°
- B. 124°
- C. 56°
- D. 65°

Answer:

Sum of angles of a \triangle is 180°

$$\begin{aligned} \therefore \angle A + \angle B + \angle C &= 180^\circ \\ \Rightarrow 62^\circ + 62^\circ + \angle C &= 180^\circ \\ \Rightarrow 124^\circ + \angle C &= 180^\circ \\ \Rightarrow \angle C &= 180^\circ - 124^\circ = 56^\circ \\ \therefore \angle C &= 56^\circ \quad \therefore \text{Option C [Ans]} \end{aligned}$$

