



SoulShift - Educational Q&A Platform

General Questions

Practice Questions



Q1. If a person standing 15 meters away from a building sees the top of the building at an angle of elevation of 30 degrees, what is the height of the building?

- A. 7.5 meters
- B. 10 meters
- C. 12.5 meters
- D. 15 meters

*Solution: Height = distance * $\tan(30) = 15 * (1/\sqrt{3}) = 15/\sqrt{3} = 5\sqrt{3}$ meters ≈ 7.5 meters.*



