SoulShift

SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. In circle O, if the radius is 5 cm, what is the circumference?

A. 10π cm
B. 15π cm
C. 20π cm
D. 25π cm

Solution: Circumference of a circle is given by C = 2πr. Therefore, C = 2π(5) = 10π cm.

Q2. In triangle JKL, if JK = 6 cm, KL = 8 cm, and JL = 10 cm, is triangle JKL a right triangle?

A. Yes
B. No
C. Cannot be determined
D. Only if angle K is 90 degrees

Solution: By the Pythagorean theorem, if JK^2 + KL^2 = JL^2, then it is a right triangle. 6^2 + 8^2 = 36 + 64 = 100 = 10^2.

SoulShift

SoulShift – Educational Q&A Platform © 2024–2025 | Licensed for individual use only | SS-36C15D65