

Rectangle Diagonals Quiz

Grade Level: Grade 8 | **Date:** 2025-11-15 21:05:41

Instructions: Answer all questions. Show your work where applicable.

Question 1: In a rectangle ABCD, if the length of diagonal AC is 8 cm, what is the length of the other diagonal, BD?

- A) 4 cm
- B) 8 cm
- C) 16 cm
- D) It cannot be determined without more information.

Answer Key

Question 1: B) 8 cm

Explanation: The diagonals of a rectangle are always equal in length. Since diagonal AC is 8 cm, the other diagonal BD must also be 8 cm.