

# 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.