

Triangle to Quadrilateral Quiz

Grade Level: Grade 8 | **Date:** 2025-11-15 23:00:43

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

Question 1: You have two identical triangles. If you join them along one of their sides to form a quadrilateral, and the resulting quadrilateral has two distinct pairs of equal-length adjacent sides, what type of quadrilateral have you formed?

- A) Rectangle
- B) Parallelogram
- C) Kite
- D) Rhombus

Answer Key

Question 1: C) Kite

Explanation: A kite is defined as a quadrilateral where two distinct pairs of adjacent sides are equal in length. The provided text describes how two triangles can be joined to form a kite, noting that 'the adjacent sides are of the same length'.