

Worksheet: Quadrilaterals

NIOS · Class 8 · Mathematics · 5 questions · 13 marks

Name: _____

Date: _____

Score: _____ / 13

Q1. A quadrilateral has three angles of 80° , 95° , and 110° . Find the fourth angle. *[1 mark]*

Q2. What is the relationship between adjacent angles of a parallelogram? *[1 mark]*

Q3. Find the diagonal of a rectangle with length 12 cm and breadth 5 cm. *[3 marks]*

Q4. A rhombus has diagonals 24 cm and 10 cm. Find: (a) its side length, (b) its area. *[3 marks]*

Q5. In parallelogram ABCD, $A = (2x + 25)^\circ$ and $B = (3x - 5)^\circ$. Find x and all four angles. *[5 marks]*
