

GUIDE CARD

Parallelogram is a quadrilateral with two opposite sides that are parallel.

Properties of parallelogram

1. In a parallelogram, any two opposite sides are congruent.
2. In a parallelogram, any two opposite angles are congruent.
3. In a parallelogram, any two consecutive angles are supplementary.
4. The diagonals of parallelogram bisect each other.
5. A diagonal of a parallelogram forms two congruent triangle.

Direction: Fill in the Correct word to complete the statement. Choose words from the box below.

opposite	Quadrilateral	diagonals
parallelogram	congruent	opposite sides
supplementary	Triangles	parallel
		consecutive

Conditions that Guarantee that a Quadrilateral is a parallelogram.

1. A _____ is a parallelogram if both pairs of _____ sides are parallel.
2. A quadrilateral is a parallelogram if both pairs of _____ are congruent.
3. A quadrilateral is a parallelogram if both pairs of opposite angles are _____.
4. A quadrilateral is a parallelogram if any two _____ angles are _____.
5. A quadrilateral is a parallelogram if the _____ bisect each other.
6. A quadrilateral is a parallelogram if each diagonal divides the _____ into two congruent _____.
6. A quadrilateral is parallelogram if one pair of opposite sides are both congruent and _____.