Other Congruence Properties (Section 12.2)

Construct a triangle using the two angles and the given included side.
In a parallelogram (rhombus, rectangle, square):
- Opposite angles are congruent.
- Opposite sides are congruent.
- Diagonals bisect each other.

A. Prove: Opposite angles of a parallelogram are congruent.

B. Prove: Opposite sides of a parallelogram are congruent.
C. Prove: Diagonals of a parallelogram bisect each other.

D. Prove: Diagonals of a rhombus are perpendicular.

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