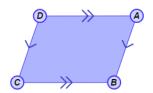# Vocabulary: Parallelogram Conditions

📖 Vocabulary

- Parallelogram – a quadrilateral with two pairs of parallel sides.

  - In the quadrilateral shown to the right, $\overline{AB}$ is parallel to $\overline{DC}$, and $\overline{AD}$ is parallel to $\overline{BC}$, so *ABCD* is a parallelogram.

- Trapezoid – a quadrilateral with exactly one pair of parallel sides.

  - In the quadrilateral shown to the right, $\overline{AB}$ is parallel to $\overline{DC}$, so *ABCD* is a trapezoid.
  - The parallel sides are the *bases* of the trapezoid.
  - The non-parallel sides are the *legs* of the trapezoid.
  - A trapezoid whose non-parallel sides are congruent is an *isosceles trapezoid*.