

# Minimum criteria needed to prove a quadrilateral is a parallelogram

- 1) If a **quadrilateral** has one pair of sides that are both parallel and congruent, then the quadrilateral is a **parallelogram**.
- 2) If the opposite sides of a **quadrilateral** are **congruent**, then the quadrilateral is a **parallelogram**.
- 3) Opposite sides are parallel.
- 4) Opposite angles are congruent
- 5) Diagonals **bisect** each other.



**The Happy/Fun Math Tutor**  
2901 Clint Moore Road #319  
Boca Raton, FL 33496 USA  
(561) 459-2058  
HappyFunMathTutor@gmail.com