

## LESSON 60 Proofs with Quadrilaterals

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1.
  2. Opposite sides of a parallelogram are congruent. See Theorem 56.1.
  4. Opposite sides of a parallelogram are congruent. See Theorem 56.1.
  5. Transitive Property
  
2.
  2. Definition of isosceles trapezoid
  3. Base angles of an isosceles trapezoid are congruent. See Theorem 59.2.
  4. Reflexive Property
  5. SAS
  
3.
  2. If alternate interior angles are congruent, then lines are parallel.
  4. If alternate interior angles are congruent, then lines are parallel.
  5. Definition of parallelogram
  
4.
  2. CPCTC (Corresponding parts of congruent triangles are congruent.)
  4. CPCTC (Corresponding parts of congruent triangles are congruent.)
  5. A quadrilateral is a parallelogram if opposite angles are congruent.