

Chapter 7 Test Prep (no proofs)

1. ALWAYS/SOMETIMES/NEVER
 - a. Know all definitions and properties for each quadrilateral!
2. FREE RESPONSE
 - a. Given a quadrilateral, determine with the given markings the most specific name for the quadrilateral. (similar to warm-up questions)
 - b. Apply the Polygon Interior Angles Theorem
 - c. Apply the Polygon Exterior Angles Theorem
 - d. Given the coordinates of three vertices of a parallelogram, find the coordinates of the 4th vertex.
 - e. Apply properties of parallelograms and trapezoids to find unknown side lengths and angle measures
 - i. i.e. trapezoid midsegment theorem, isosceles trapezoids have congruent base angles, line of symmetry in a kite bisects opposite angles, etc.
 - f. Given the coordinates of the vertices of a parallelogram, find the coordinates of the intersection of the diagonals.

Chapter 7 Test Prep (proofs)

1. Coordinate proof (just one!)
 - a. Given a figure, classify it as a parallelogram, rectangle, rhombus, or square.
2. Two-column proof (just one!)
3. Constructions (just one!)
 - a. Use a given segment as a diagonal to construct a quadrilateral
 - i. Square, rectangle, rhombus, kite are all fair game!