G.G.41: Special Quadrilaterals: Justify that some quadrilaterals are parallelograms, rhombuses, rectangles, squares, or trapezoids

1 A quadrilateral whose diagonals bisect each other and are perpendicular is a
   1) rhombus
   2) rectangle
   3) trapezoid
   4) parallelogram

2 Which quadrilateral has diagonals that are always perpendicular bisectors of each other?
   1) square
   2) rectangle
   3) trapezoid
   4) parallelogram

3 In a certain quadrilateral, two opposite sides are parallel, and the other two opposite sides are not congruent. This quadrilateral could be a
   1) rhombus
   2) parallelogram
   3) square
   4) trapezoid

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Answer Section

1 ANS: 1 REF: 080918ge
2 ANS: 1 REF: 081517ge
3 ANS: 4 REF: 080517a