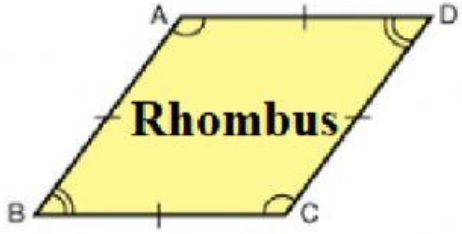
Worksheet 2: Attributes of quadrilaterals

1. Which of the attributes is **NOT** true for the shape given below?



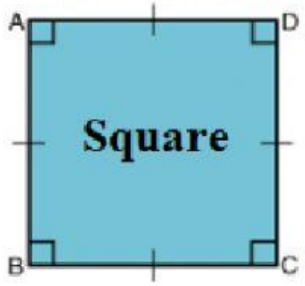
a) The diagonal bisects each other.

b) The diagonals are perpendicular to each other.

c) One of the diagonals is a line of symmetry.

d) The diagonals divide the quadrilateral into four congruent right scalene triangle.

2. Which of the attributes is **NOT** true for the shape given below?



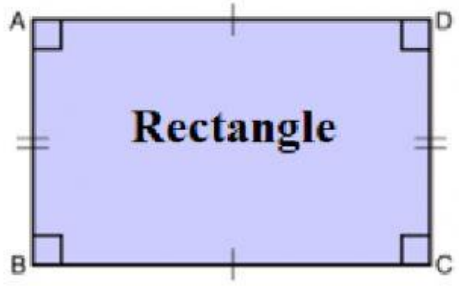
a) The diagonal bisects each other.

b) The diagonals are perpendicular to each other.

c) Both diagonals bisect the angles of the quadrilateral.

d) The diagonals divide the quadrilateral into four congruent right scalene triangle.

3. Which of the attributes is **NOT** true for the shape given below?



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a) The diagonal bisects each other.

b) The diagonals are perpendicular to each other.

c) Neither diagonal is a line of symmetry.

d) The diagonals divide the quadrilateral into four congruent triangles.

4. Which of the attributes is **NOT** true for the shape given below?



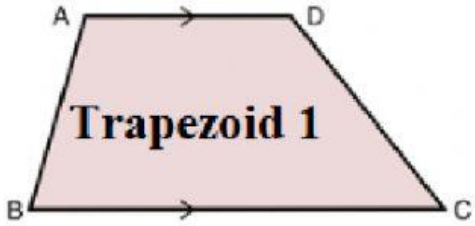
a) The diagonal bisects each other.

b) Neither diagonal is a line of symmetry.

c) The diagonals divide the quadrilateral into two pairs of congruent triangles: One pair obtuse scalene, One pair acute scalene

d) The diagonals divide the quadrilateral into four congruent right scalene triangle.

5. Which of the following attributes is **TRUE** for the shape given below?



a) The diagonal bisects each other.

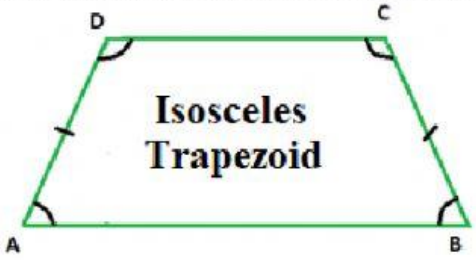
b) The diagonals are perpendicular to each other.

c) One of the diagonals is a line of symmetry.

d) The diagonals divide the quadrilateral into four non-congruent triangles.

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6. Which of the attributes is **TRUE** for the shape given below?



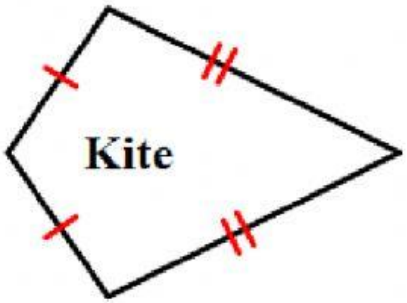
a) The diagonal bisects each other.

b) The diagonals are perpendicular to each other.

c) Both diagonals are line of symmetry.

d) The diagonals divide the quadrilateral into one pair of congruent acute scalene triangle and two non-congruent triangles.

7. Which of the attributes is **NOT** true for the shape given below?



a) The diagonal bisects each other.

b) The diagonals are perpendicular to each other.

c) One of the diagonals is a line of symmetry.

d) The diagonals divide the quadrilateral into two pairs of congruent right scalene triangle.

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