

Always-Sometimes-Never Worksheet on Quadrilaterals

Directions: Carefully read the following statements about polygons. In the box next to each statement, write an **A** if the statement is **always** true, **S** if it is **sometimes** true, and **N** if it is **never** true. Make sure you explain your reasoning for each statement.

1. A trapezoid is a rectangle.

Reason: _____

2. A quadrilateral is a regular polygon.

Reason: _____

3. Parallelograms are quadrilaterals.

Reason: _____

4. A trapezoid has parallel sides.

Reason: _____

5. A rectangle is a square.

Reason: _____

6. A square is a rectangle.

Reason: _____

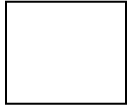
7. A rhombus is a rectangle.

Reason: _____



8. A parallelogram has exactly three right angles.

Reason: _____



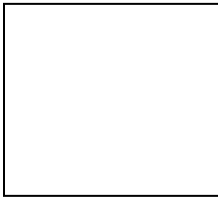
9. A rhombus and a rectangle each have four sides of equal length and four angles of equal measure.

Reason: _____

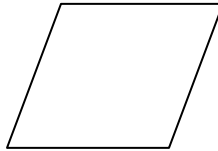


10. A rectangle is a parallelogram.

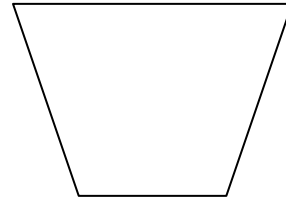
Reason: _____



Square



Rhombus



Trapezoid



Rectangle



Parallelogram