



Determine if the statement shown is 'true' or 'false'.

**Answers**

- 1) All rectangles are quadrilaterals.
- 2) All trapezoids are quadrilaterals.
- 3) All rectangles are squares.
- 4) All Squares have 4 sides where each side can be a different length.
- 5) All parallelograms are rectangles.
- 6) A parallelogram has opposite angles that are the same.
- 7) A trapezoid has 2 sets of parallel sides.
- 8) All squares are parallelograms.
- 9) All squares have 4 angles two less than  $90^\circ$ , two more than  $90^\circ$ .
- 10) All rhombuses are parallelograms.
- 11) All squares and rectangles have 4 sides that are all the same length.
- 12) All rhombuses are squares.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

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11. \_\_\_\_\_

12. \_\_\_\_\_

