



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

Answers

- 1) All trapezoids have at least one  $90^\circ$  angle.
- 2) All squares are rhombuses.
- 3) All rhombuses are parallelograms.
- 4) All squares are parallelograms.
- 5) All squares are quadrilaterals.
- 6) A parallelogram has opposite sides that are parallel.
- 7) A rectangle has only one set of sides that are parallel.
- 8) All rhombuses have only 1 set of equal length sides.
- 9) A rectangle has 4 angles at only two of which are  $90^\circ$ .
- 10) A trapezoid has 2 sets of parallel sides.
- 11) All parallelograms are rectangles.
- 12) All parallelograms are quadrilaterals.

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

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

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

4. \_\_\_\_\_

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7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

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

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



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**Answers**

1. false
2. true
3. true
4. true
5. true
6. true
7. false
8. false
9. false
10. false
11. false
12. true