



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

**Answers**

- 1) All squares and rectangles have 4 angles that are  $90^\circ$  each.
- 2) All rhombuses are parallelograms.
- 3) All squares have only 1 set of parallel sides.
- 4) A parallelogram has opposite sides that are parallel.
- 5) A trapezoid has angles can be any degree.
- 6) All parallelograms are squares.
- 7) A parallelogram has all angles that are the same.
- 8) All rectangles have 4 sides that are equal length.
- 9) A rhombus has 1 set of opposite angles that are the same.
- 10) All quadrilateral have 4 sides equal length.
- 11) All squares have 4 angles two less than  $90^\circ$ , two more than  $90^\circ$ .
- 12) All rhombuses are quadrilaterals.

1. \_\_\_\_\_
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11. \_\_\_\_\_
12. \_\_\_\_\_



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