



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. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
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- 10. \_\_\_\_\_
- 11. \_\_\_\_\_
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**Answers**

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