



## Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
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9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



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

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

**Answers**

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