



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

**Answers**

- 1) All rhombuses are parallelograms.
- 2) All rhombuses are quadrilaterals.
- 3) A trapezoid has angles can be any degree.
- 4) A rectangle has 4 angles at only two of which are  $90^\circ$ .
- 5) All squares are rhombuses.
- 6) All parallelograms have four sides of equal length sides.
- 7) All squares have 4 angles two less than  $90^\circ$ , two more than  $90^\circ$ .
- 8) A rectangle has opposites sides that are parallel.
- 9) All quadrilateral have 4 sides equal length.
- 10) All trapezoids are quadrilaterals.
- 11) All squares have 4 sides that are the same length.
- 12) A trapezoid has 2 sets of parallel sides.

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



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**Answers**

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