



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

Answers

- |  |           |
|--|-----------|
| 1) All trapezoids have at least one 90° angle.               | 1. _____  |
| 2) All parallelograms have four sides of equal length sides. | 2. _____  |
| 3) All rhombuses have only 1 set of equal length sides.      | 3. _____  |
| 4) All rectangles have 4 sides that are equal length.        | 4. _____  |
| 5) All squares are quadrilaterals.                           | 5. _____  |
| 6) All squares are rectangles.                               | 6. _____  |
| 7) All rhombuses are squares.                                | 7. _____  |
| 8) All squares are parallelograms.                           | 8. _____  |
| 9) All parallelograms are rhombuses.                         | 9. _____  |
| 10) All quadrilateral have 4 sides.                          | 10. _____ |
| 11) A trapezoid has 2 sets of parallel sides.                | 11. _____ |
| 12) A trapezoid has angles can be any degree.                | 12. _____ |



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

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

Answers

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