



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

Answers

- 1) A rectangle has only one set of sides that are parallel.
- 2) All quadrilateral have 4 sides equal length.
- 3) A parallelogram has only 1 set of parallel sides.
- 4) A trapezoid has angles can be any degree.
- 5) All parallelograms are squares.
- 6) All squares and rectangles have 4 angles that are 90° each.
- 7) All squares have 4 sides that are the same length.
- 8) A rhombus has opposite angles that are the same.
- 9) All rectangles are parallelograms.
- 10) A trapezoid only has 1 pair of parallel sides.
- 11) All rhombuses are squares.
- 12) All rhombuses have only 1 set of equal length sides.

1. _____
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12. _____

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Answers

- | | |
|--|---|
| 1) A rectangle has only one set of sides that are parallel. | 1. <u> false </u> |
| 2) All quadrilateral have 4 sides equal length. | 2. <u> false </u> |
| 3) A parallelogram has only 1 set of parallel sides. | 3. <u> false </u> |
| 4) A trapezoid has angles can be any degree. | 4. <u> true </u> |
| 5) All parallelograms are squares. | 5. <u> false </u> |
| 6) All squares and rectangles have 4 angles that are 90° each. | 6. <u> true </u> |
| 7) All squares have 4 sides that are the same length. | 7. <u> true </u> |
| 8) A rhombus has opposite angles that are the same. | 8. <u> true </u> |
| 9) All rectangles are parallelograms. | 9. <u> true </u> |
| 10) A trapezoid only has 1 pair of parallel sides. | 10. <u> true </u> |
| 11) All rhombuses are squares. | 11. <u> false </u> |
| 12) All rhombuses have only 1 set of equal length sides. | 12. <u> false </u> |