



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

Answers

- 1) All parallelograms are squares.
- 2) All squares have 4 angles that are 90° .
- 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° .

1. _____
2. _____
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11. _____
12. _____

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

Answers

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