



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

Answers

- 1) A rectangle has 4 angles that are 90° .
- 2) Kites have 2 sets of parallel sides.
- 3) All squares are rectangles.
- 4) All squares are rhombuses.
- 5) A trapezoid has 2 sets of parallel sides.
- 6) All squares have only 1 set of parallel sides.
- 7) All rhombuses are parallelograms.
- 8) All trapezoids have at least one 90° angle.
- 9) All quadrilateral have 4 sides.
- 10) All squares have 4 angles two less than 90° , two more than 90° .
- 11) A parallelogram has opposite sides that are parallel.
- 12) A rectangle has only one set of sides that are parallel.

1. _____
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12. _____

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Answers

- | | | | |
|-----|---------------------------------------------------------------------------------|-----|-----------------------------------------|
| 1) | A rectangle has 4 angles that are 90° . | 1. | <u> true </u> |
| 2) | Kites have 2 sets of parallel sides. | 2. | <u> false </u> |
| 3) | All squares are rectangles. | 3. | <u> true </u> |
| 4) | All squares are rhombuses. | 4. | <u> true </u> |
| 5) | A trapezoid has 2 sets of parallel sides. | 5. | <u> false </u> |
| 6) | All squares have only 1 set of parallel sides. | 6. | <u> false </u> |
| 7) | All rhombuses are parallelograms. | 7. | <u> true </u> |
| 8) | All trapezoids have at least one 90° angle. | 8. | <u> false </u> |
| 9) | All quadrilateral have 4 sides. | 9. | <u> true </u> |
| 10) | All squares have 4 angles two less than 90° , two more than 90° . | 10. | <u> false </u> |
| 11) | A parallelogram has opposite sides that are parallel. | 11. | <u> true </u> |
| 12) | A rectangle has only one set of sides that are parallel. | 12. | <u> false </u> |