

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

Answers

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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

Answers

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