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

1) A trapezoid only has 1 pair of parallel sides.

1. _____

2) All rectangles are quadrilaterals.

2. _____

3. _____

3) All parallelograms are rectangles.

4. _____

5. _____

4) All rhombuses have only 1 set of equal length sides.

6. _____

7. _____

5) All squares are rectangles.

8. _____

6) All parallelograms are rhombuses.

9. _____

10. _____

7) All quadrilateral have 4 sides.

11. _____

12. _____

8) All squares and rectangles have 4 sides that are all the same length.

9) All squares are parallelograms.

10) All parallelograms are quadrilaterals.

11) A parallelogram has opposite angles that are the same.

12) All rhombuses are squares.

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1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name: **Answer Key**

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

Answers

1)   A trapezoid only has 1 pair of parallel sides.

1.   **true**

2)   All rectangles are quadrilaterals.

2.   **true**

3.   **false**

3)   All parallelograms are rectangles.

4.   **false**

5.   **true**

4)   All rhombuses have only 1 set of equal length sides.

6.   **false**

7.   **true**

5)   All squares are rectangles.

8.   **false**

6)   All parallelograms are rhombuses.

9.   **true**

10.   **true**

7)   All quadrilateral have 4 sides.

11.   **true**

12.   **false**

8)   All squares and rectangles have 4 sides that are all the same length.

9)   All squares are parallelograms.

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