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

1) All squares are quadrilaterals.

1. _____

2) All squares are rectangles.

2. _____

3. _____

3) Kites have 2 sets of parallel sides.

4. _____

5. _____

4) All squares have 4 angles that are 90°.

6. _____

5) All parallelograms are squares.

7. _____

8. _____

6) All trapezoids are quadrilaterals.

9. _____

10. _____

7) A rhombus has 1 set of opposite angles that are the same.

11. _____

8) A rectangle has opposites sides that are parallel.

12. _____

9) A trapezoid has two 90° angles.

10) All quadrilateral have 4 sides equal length.

11) A rectangle has 4 angles that are 90°.

12) All rectangles have 4 sides that are equal length.

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

Answer Key

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

Answers

1) All squares are quadrilaterals.

1. **true**

2) All squares are rectangles.

2. **true**

3) Kites have 2 sets of parallel sides.

3. **false**

4) All squares have 4 angles that are 90°.

4. **true**

5. **false**

5) All parallelograms are squares.

6. **true**

6) All trapezoids are quadrilaterals.

7. **false**

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11. **true**

12. **false**

10) All quadrilateral have 4 sides equal length.

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