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

1) All squares are quadrilaterals.

1. _____

2) All rhombuses are quadrilaterals.

2. _____

3. _____

3) All parallelograms are rhombuses.

4. _____

5. _____

4) All parallelograms are squares.

6. _____

7. _____

5) A trapezoid has two 90° angles.

8. _____

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

9. _____

10. _____

7) All quadrilateral have 4 sides equal length.

11. _____

12. _____

8) All squares have 4 angles two less than 90°, two more than 90°.

9) All squares are rectangles.

10) A rhombus has opposite angles that are the same.

11) All rectangles are parallelograms.

12) Kites have 2 sets of parallel sides.

Name:

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

Answers

1) All squares are quadrilaterals.

1. **true**

2) All rhombuses are quadrilaterals.

2. **true**

3) All parallelograms are rhombuses.

3. **false**

4) All parallelograms are squares.

4. **false**

5. **false**

5) A trapezoid has two 90° angles.

6. **false**

7. **false**

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

8. **false**

9. **true**

7) All quadrilateral have 4 sides equal length.

10. **true**

11. **true**

8) All squares have 4 angles two less than 90°, two more than 90°.

12. **false**

9) All squares are rectangles.

10) A rhombus has opposite angles that are the same.

11) All rectangles are parallelograms.

12) Kites have 2 sets of parallel sides.

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