Name:

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

1) All rhombuses are parallelograms.

2) All rhombuses are quadrilaterals.

3) A trapezoid has angles can be any degree.

4) A rectangle has 4 angles at only two of which are 90°.

5) All squares are rhombuses.

6) All parallelograms have four sides of equal length sides.

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

8) A rectangle has opposites sides that are parallel.

9) All quadrilateral have 4 sides equal length.

10) All trapezoids are quadrilaterals.

11) All squares have 4 sides that are the same length.

12) A trapezoid has 2 sets of parallel sides.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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

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

Answers

1) All rhombuses are parallelograms.

1. _____ **true** _____

2) All rhombuses are quadrilaterals.

2. _____ **true** _____

3) A trapezoid has angles can be any degree.

3. _____ **true** _____

4) A rectangle has 4 angles at only two of which are 90°.

4. _____ **false** _____

5) All squares are rhombuses.

5. _____ **true** _____

6) All parallelograms have four sides of equal length sides.

6. _____ **false** _____

7. _____ **false** _____

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

8. _____ **true** _____

9. _____ **false** _____

8) A rectangle has opposites sides that are parallel.

10. _____ **true** _____

11. _____ **true** _____

9) All quadrilateral have 4 sides equal length.

12. _____ **false** _____

10) All trapezoids are quadrilaterals.

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