



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

Answers

- |  |           |
|--|-----------|
| 1) A rectangle has only one set of sides that are parallel.            | 1. _____  |
| 2) All Squares have 4 sides where each side can be a different length. | 2. _____  |
| 3) All squares are rhombuses.  | 3. _____  |
| 4) All squares have 4 angles that are $90^\circ$ .                     | 4. _____  |
| 5) A trapezoid has 2 sets of parallel sides.                           | 5. _____  |
| 6) All trapezoids are quadrilaterals.                                  | 6. _____  |
| 7) All rhombuses are parallelograms.                                   | 7. _____  |
| 8) All squares are quadrilaterals.                                     | 8. _____  |
| 9) All parallelograms have four sides of equal length sides.           | 9. _____  |
| 10) A rhombus has 1 set of opposite angles that are the same.          | 10. _____ |
| 11) All squares are rectangles.  | 11. _____ |
| 12) All quadrilateral have 4 sides equal length.                       | 12. _____ |



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	<u>Answers</u>
1) A rectangle has only one set of sides that are parallel.	1. <u>false</u>
2) All Squares have 4 sides where each side can be a different length.	2. <u>false</u>
3) All squares are rhombuses.	3. <u>true</u>
4) All squares have 4 angles that are $90^\circ$ .	4. <u>true</u>
5) A trapezoid has 2 sets of parallel sides.	5. <u>false</u>
6) All trapezoids are quadrilaterals.	6. <u>true</u>
7) All rhombuses are parallelograms.	7. <u>true</u>
8) All squares are quadrilaterals.	8. <u>true</u>
9) All parallelograms have four sides of equal length sides.	9. <u>false</u>
10) A rhombus has 1 set of opposite angles that are the same.	10. <u>false</u>
11) All squares are rectangles.	11. <u>true</u>
12) All quadrilateral have 4 sides equal length.	12. <u>false</u>