



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

Answers

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|--|-----------|
| 1) A trapezoid only has 1 pair of parallel sides. | 1. _____ |
| 2) All rectangles are quadrilaterals. | 2. _____ |
| 3) All parallelograms are rectangles. | 3. _____ |
| 4) All rhombuses have only 1 set of equal length sides. | 4. _____ |
| 5) All squares are rectangles. | 5. _____ |
| 6) All parallelograms are rhombuses. | 6. _____ |
| 7) All quadrilateral have 4 sides. | 7. _____ |
| 8) All squares and rectangles have 4 sides that are all the same length. | 8. _____ |
| 9) All squares are parallelograms. | 9. _____ |
| 10) All parallelograms are quadrilaterals. | 10. _____ |
| 11) A parallelogram has opposite angles that are the same. | 11. _____ |
| 12) All rhombuses are squares. | 12. _____ |



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	<u>Answers</u>
1) A trapezoid only has 1 pair of parallel sides.	1. <u>true</u>
2) All rectangles are quadrilaterals.	2. <u>true</u>
3) All parallelograms are rectangles.	3. <u>false</u>
4) All rhombuses have only 1 set of equal length sides.	4. <u>false</u>
5) All squares are rectangles.	5. <u>true</u>
6) All parallelograms are rhombuses.	6. <u>false</u>
7) All quadrilateral have 4 sides.	7. <u>true</u>
8) All squares and rectangles have 4 sides that are all the same length.	8. <u>false</u>
9) All squares are parallelograms.	9. <u>true</u>
10) All parallelograms are quadrilaterals.	10. <u>true</u>
11) A parallelogram has opposite angles that are the same.	11. <u>true</u>
12) All rhombuses are squares.	12. <u>false</u>