



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

Answers

- 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 rhombuses have only 1 set of equal length sides. 6. _____

- 7) All squares are rectangles. 7. _____

- 8) All parallelograms are rhombuses. 8. _____

- 9) All parallelograms are rhombuses. 9. _____

- 10) All quadrilateral have 4 sides. 10. _____

- 11) All quadrilateral have 4 sides. 11. _____

- 12) All squares and rectangles have 4 sides that are all the same length. 12. _____

- 9) All squares are parallelograms.

- 10) All parallelograms are quadrilaterals.

- 11) A parallelogram has opposite angles that are the same.

- 12) All rhombuses are squares.



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- | | <u>Answers</u> |
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| 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> |