



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>   |
|--|------------------|
| 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> |