



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

Answers

- 1) Kites have 2 sets of parallel sides. 1. \_\_\_\_\_
  
- 2) All squares are quadrilaterals. 2. \_\_\_\_\_
  
- 3) A trapezoid only has 1 pair of parallel sides. 3. \_\_\_\_\_
  
- 4) All rhombuses are parallelograms. 4. \_\_\_\_\_
  
- 5) A rectangle has 4 angles that are  $90^\circ$ . 5. \_\_\_\_\_
  
- 6) All squares and rectangles have 4 sides that are all the same length. 6. \_\_\_\_\_
  
- 7) All parallelograms are rectangles. 7. \_\_\_\_\_
  
- 8) All rectangles are squares. 8. \_\_\_\_\_
  
- 9) All squares have 4 sides that are the same length. 9. \_\_\_\_\_
  
- 10) All rectangles have 4 sides that are equal length. 10. \_\_\_\_\_
  
- 11) All squares are rhombuses. 11. \_\_\_\_\_
  
- 12) All squares have 4 angles two less than  $90^\circ$ , two more than  $90^\circ$ . 12. \_\_\_\_\_



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- 10) All rectangles have 4 sides that are equal length.
- 11) All squares are rhombuses.
- 12) All squares have 4 angles two less than  $90^\circ$ , two more than  $90^\circ$ .

**Answers**

1. false
2. true
3. true
4. true
5. true
6. false
7. false
8. false
9. true
10. false
11. true
12. false