



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

Answers

- 1) A parallelogram has only 1 set of parallel sides.
- 2) All rectangles have 4 sides that are equal length.
- 3) All trapezoids have at least one  $90^\circ$  angle.
- 4) A rhombus has 1 set of opposite angles that are the same.
- 5) A trapezoid has angles can be any degree.
- 6) All parallelograms are rhombuses.
- 7) All parallelograms have four sides of equal length sides.
- 8) All squares are rectangles.
- 9) All rectangles are parallelograms.
- 10) All parallelograms are squares.
- 11) A rectangle has 4 angles that are  $90^\circ$ .
- 12) A parallelogram has opposite angles that are the same.

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_
- 11. \_\_\_\_\_
- 12. \_\_\_\_\_



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**Answers**

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