





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

- 1) A rectangle has only one set of sides that are parallel.
- 2) All rectangles are parallelograms.
- 3) All squares have 4 angles that are  $90^\circ$ .
- 4) All parallelograms are rhombuses.
- 5) All rhombuses are squares.
- 6) All rectangles are squares.
- 7) A rectangle has 4 angles that are  $90^\circ$ .
- 8) A trapezoid has 2 sets of parallel sides.
- 9) All squares and rectangles have 4 sides that are all the same length.
- 10) All rhombuses are quadrilaterals.
- 11) A parallelogram has opposite sides that are parallel.
- 12) All squares are quadrilaterals.

**Answers**

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