



## Answers

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

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

## Answers

- |  |  |
|--|--|
| 1) All parallelograms are squares.                           | 1. <u>          <b>false</b>          </u> |
| 2) All squares have 4 angles that are 90°.                   | 2. <u>          <b>true</b>          </u>  |
| 3) All rhombuses have only 1 set of equal length sides.      | 3. <u>          <b>false</b>          </u> |
| 4) All squares are quadrilaterals.                           | 4. <u>          <b>true</b>          </u>  |
| 5) A rhombus has 1 set of opposite angles that are the same. | 5. <u>          <b>false</b>          </u> |
| 6) A rectangle has only one set of sides that are parallel.  | 6. <u>          <b>false</b>          </u> |
| 7) Kites have 2 sets of parallel sides.                      | 7. <u>          <b>false</b>          </u> |
| 8) All rectangles are parallelograms.                        | 8. <u>          <b>true</b>          </u>  |
| 9) All rectangles are quadrilaterals.                        | 9. <u>          <b>true</b>          </u>  |
| 10) A parallelogram has opposite sides that are parallel.    | 10. <u>          <b>true</b>          </u> |
| 11) A trapezoid only has 1 pair of parallel sides.           | 11. <u>          <b>true</b>          </u> |
| 12) A rectangle has 4 angles that are 90°.                   | 12. <u>          <b>true</b>          </u> |