## Classifying Shapes True or False

Name:

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

**1)** All trapezoids are quadrilaterals.

1. _____

**2)** All parallelograms are quadrilaterals.

2. _____

3. _____

**3)** All rhombuses have only 1 set of equal length sides.

4. _____

5. _____

**4)** All rectangles have 4 sides that are equal length.

6. _____

**5)** All squares are quadrilaterals.

7. _____

8. _____

**6)** All squares are rectangles.

9. _____

10. _____

**7)** All squares are rhombuses.

11. _____

**8)** All squares are parallelograms.

12. _____

**9)** All parallelograms are rhombuses.

**10)** All quadrilateral have 4 sides.

**11)** A trapezoid has 2 sets of parallel sides.

**12)** A trapezoid has two 90° angles.

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

1) All trapezoids are quadrilaterals.

1. **true**

2) All parallelograms are quadrilaterals.

2. **true**

3. **false**

3) All rhombuses have only 1 set of equal length sides.

4. **false**

5. **true**

4) All rectangles have 4 sides that are equal length.

6. **true**

7. **true**

5) All squares are quadrilaterals.

8. **true**

6) All squares are rectangles.

9. **false**

10. **true**

7) All squares are rhombuses.

11. **false**

12. **false**

8) All squares are parallelograms.

9) All parallelograms are rhombuses.

10) All quadrilateral have 4 sides.

11) A trapezoid has 2 sets of parallel sides.

12) A trapezoid has two 90° angles.