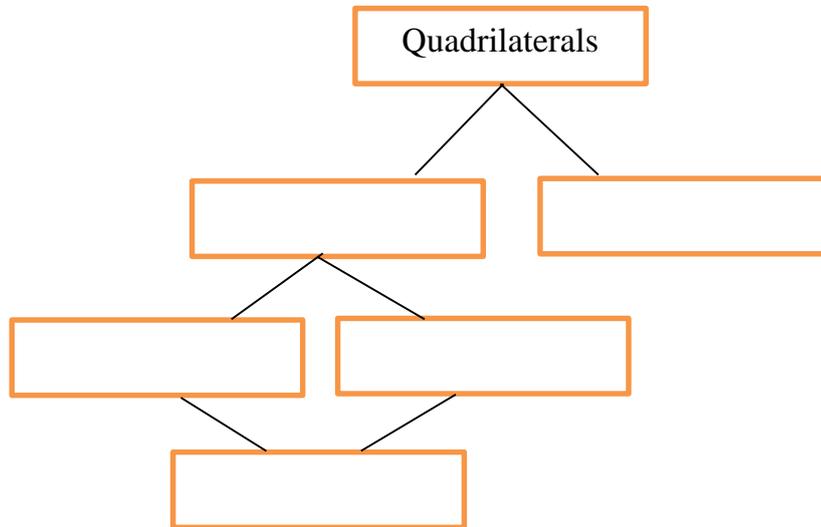


## 5.G.B.4 Classification and Properties of Quadrilaterals – I

5.G.B.4: Classify two-dimensional figures in a hierarchy based on properties.

1. Complete the flowchart using Parallelogram, Rectangle, Square, Rhombus and Trapezoid.



2. Classify each figure using quadrilateral, parallelogram, rhombus, square or trapezoid.



\_\_\_\_\_



\_\_\_\_\_



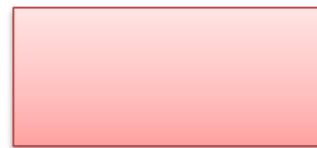
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

3. Solve for the fourth angle of the following quadrilaterals.

a.  $109^\circ; 96^\circ; 70^\circ$  \_\_\_\_\_

c.  $94^\circ; 87^\circ; 122^\circ$  \_\_\_\_\_

b.  $112^\circ; 92^\circ; 87^\circ$  \_\_\_\_\_

d.  $120^\circ; 95^\circ; 85^\circ$  \_\_\_\_\_

4. True or False

a. A square is a rectangle. \_\_\_\_\_

b. All quadrilateral is a parallelogram. \_\_\_\_\_

c. All rectangles are square. \_\_\_\_\_

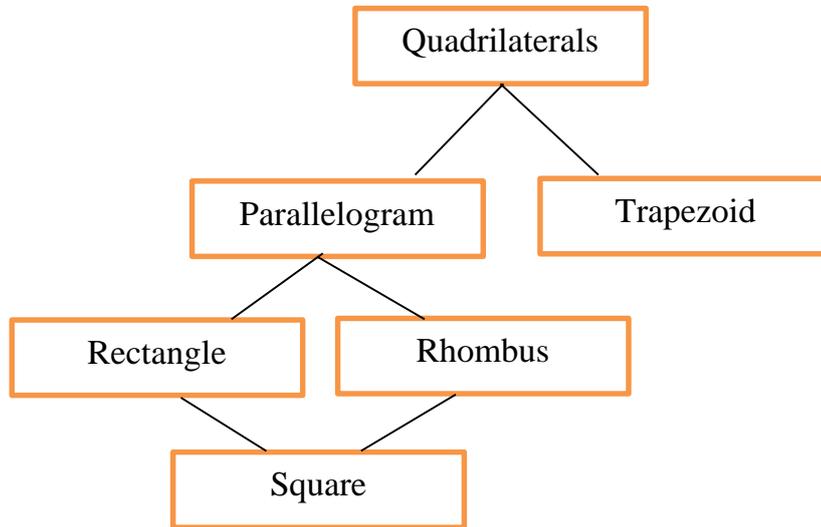
d. An isosceles trapezoid is a quadrilateral. \_\_\_\_\_

e. Some quadrilaterals have only one right angle. \_\_\_\_\_

5.G.B.4 Classification and Properties of Quadrilaterals – I

5.G.B.4: Classify two-dimensional figures in a hierarchy based on properties.

1.



2. Rhombus; Square; Rhombus  
Trapezoid; Parallelogram; Rectangle

3.

- a.  $85^{\circ}$
- b.  $69^{\circ}$
- c.  $57^{\circ}$
- d.  $60^{\circ}$

4.

- a. True
- b. False
- c. False
- d. True
- e. True