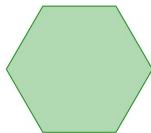
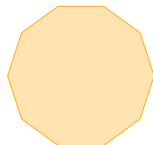
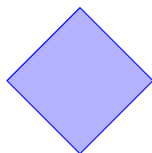
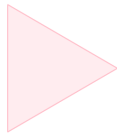
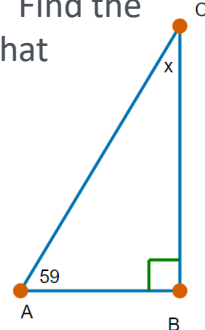


Warmup

1. Identify each polygon

2. $\angle ABC$ is a right angle. Find the measure of $\angle ACB$ given that $\angle CAB = 59^\circ$.

3. A trapezoid is defined as a _____ with exactly _____.

4. What are the properties of a rectangle?

Select one or more:

- ☐ Opposite sides $\cong$
- ☐ Has 4 right angles
- ☐ All sides are $\cong$
- ☐ A 4-sided polygon
- ☐ Opposite sides are $\parallel$ (parallel)

5. What are the properties of a square?

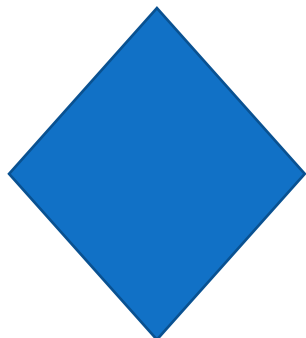
Select one or more:

- ☐ Opposite sides $\cong$
- ☐ Has 4 right angles
- ☐ All sides are $\cong$
- ☐ A 4-sided polygon
- ☐ Opposite sides are $\parallel$ (parallel)

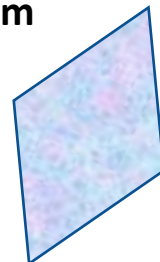
6. Select the statements that are true about parallelograms. Select one or more:

- ☐ All the sides are congruent.
- ☐ The opposite sides are parallel.
- ☐ The opposite sides are parallel.
- ☐ A parallelogram is not a polygon.
- ☐ The parallelogram is a 4-sided polygon.
- ☐ All the sides are congruent.

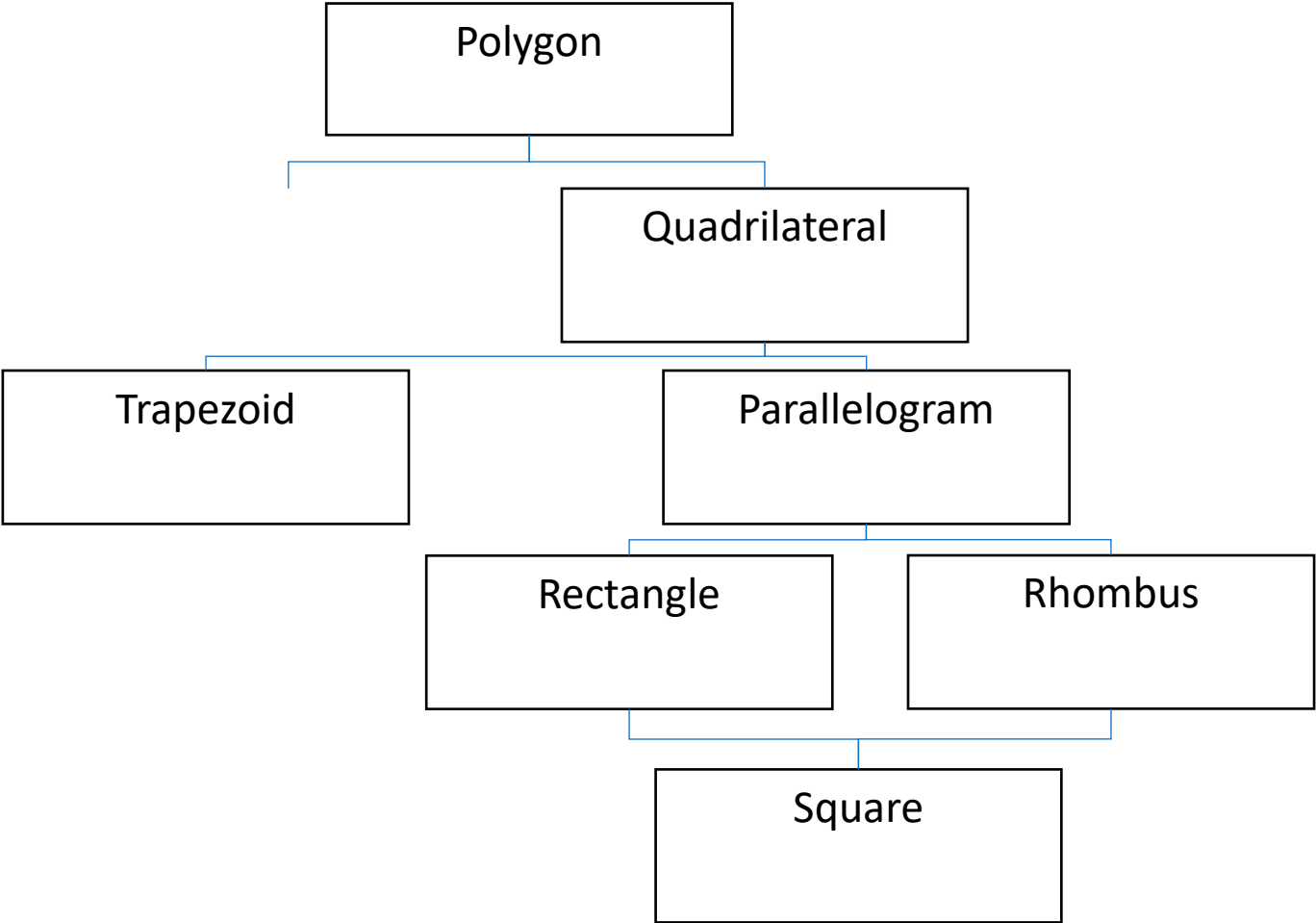
I. Rhombus

**A rhombus is an equilateral parallelogram**

All 4 sides are congruent
 Opposite sides are $\parallel$ (parallel)
 Opposite angles are congruent
 The diagonals are perpendicular bisectors



II. The Quadrilateral Family



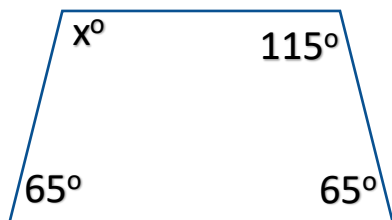
	Quadrilateral	Parallelogram	Trapezoid	Rectangle	Rhombus	Square
Opposite Sides $\cong$						
Opposite Sides //						
All sides $\cong$						
All Right angles						
Opposite Angles $\cong$						
Diagonals $\cong$						

III. Interior angles of a Quadrilateral

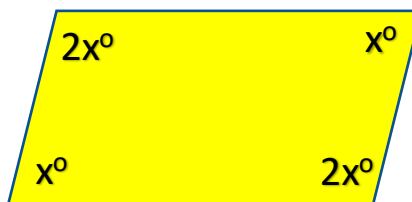


The Sum of the interior angles of a quadrilateral: The sum of the interior angles of a quadrilateral is _____°

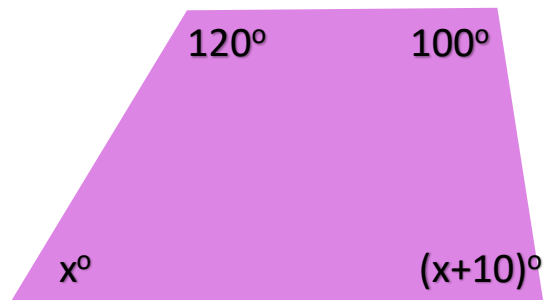
Determine the measure of each angle.



Determine the measure of each angle.



Determine the measure of each angle.

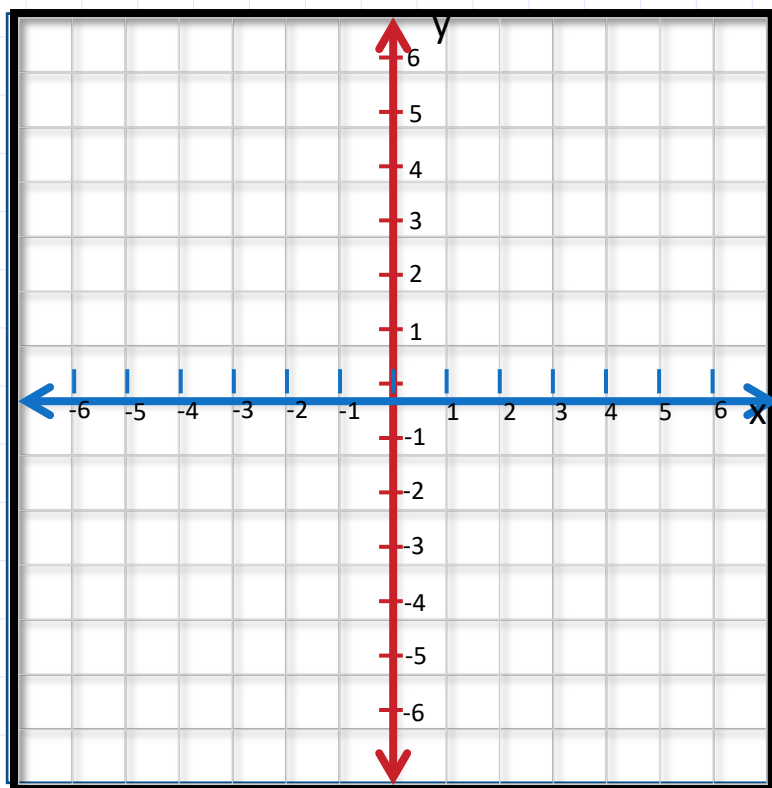


13-15

IV. Practice

16	
17	18
19	20
21	22

23



24

25

26

27

28

29