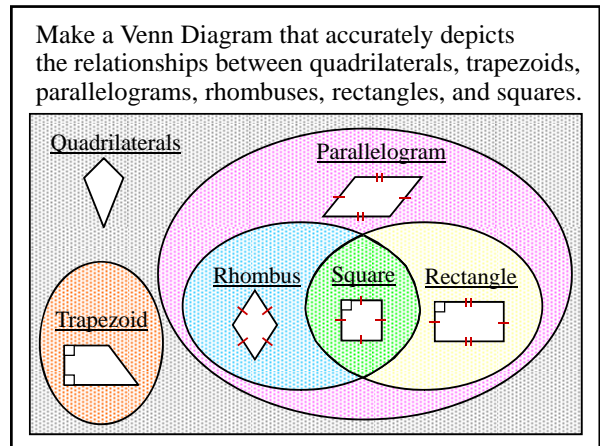
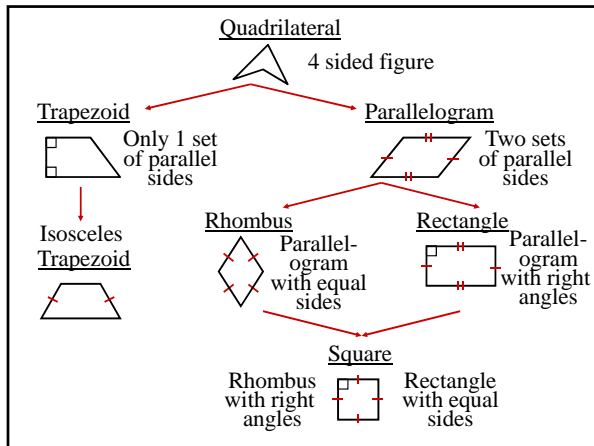


Lesson 6-4



State whether each statement is *always true*, *sometimes true*, or *false*.

- 1) A square is a rectangle. *Always True*
- 2) A rectangle is a square. *Sometimes True*
- 3) All rectangles are squares. *False*
- 4) All squares are parallelograms. *Always True*
- 5) All quadrilaterals are rectangles. *False*
- 6) A square is a trapezoid. *False*
- 7) A parallelogram is a rectangle. *Sometimes True*

Find each angle in the figure below.

1) Rectangle ABCD

$m\angle 1 = 50^\circ$
 $m\angle 2 = 40^\circ$
 $m\angle 3 = 40^\circ$
 $m\angle 4 = 80^\circ$
 $m\angle 5 = 50^\circ$

2) Rhombus HIJK

$m\angle 1 = 90^\circ$
 $m\angle 2 = 56^\circ$
 $m\angle 3 = 34^\circ$
 $m\angle 4 = 34^\circ$
 $m\angle 5 = 56^\circ$