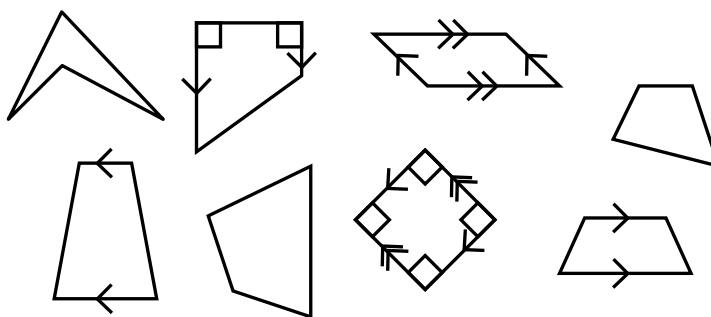




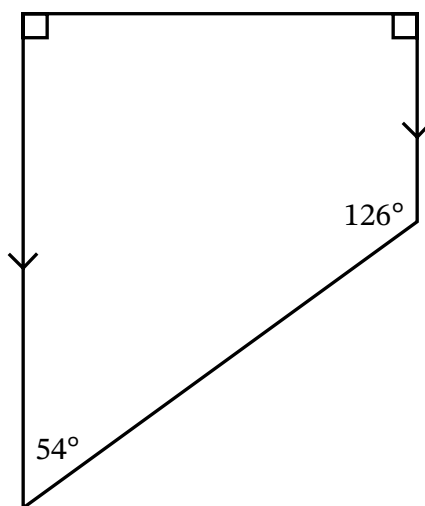
Name _____

Date _____

1. Circle the quadrilaterals that are trapezoids.

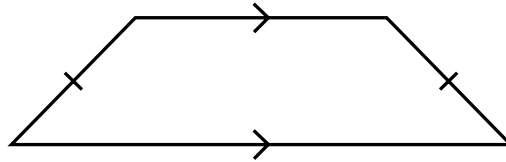


2. Consider the trapezoid.



- a. What is the sum of the angle measures in a trapezoid?
- b. Is this true for all trapezoids? Explain.

3. Consider the trapezoid.



- a. Kelly says that a property of trapezoids is that they have 1 pair of opposite sides with equal length. Toby disagrees. He says that Kelly's statement describes an attribute of this trapezoid, not a property of all trapezoids. Who is correct? Explain.
- b. Sketch a trapezoid that does not have 1 pair of opposite sides with equal length.
- c. Write one example of a property of trapezoids.

4. Mark each statement as always true, sometimes true, or never true.

Statement	Always True	Sometimes True	Never True
A trapezoid has 2 pairs of parallel sides.			
A trapezoid can have more than 4 sides.			
A trapezoid is a quadrilateral.			
A quadrilateral is a trapezoid.			
The sum of the angles of a trapezoid is 360° .			
A trapezoid has exactly 1 pair of supplementary angles.			