

Name _____

Date _____

Alana's New Shape Category

A *scalene triangle* is a triangle in which the sides all have different lengths. Thinking about this, Alana decided there should also be a name for quadrilaterals in which the sides all have different lengths. She said, “I’ll name them after myself.” She defined an *alana-gon* to be a quadrilateral in which the four sides all have different lengths.

(1) Draw an example of an alana-gon.

(2) True or false:

(a) All squares are alana-gons. _____

(b) No trapezoids are alana-gons. _____