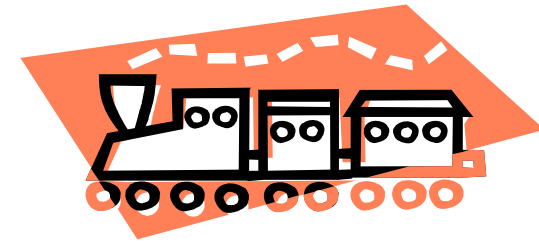Name: _____ Date: _____

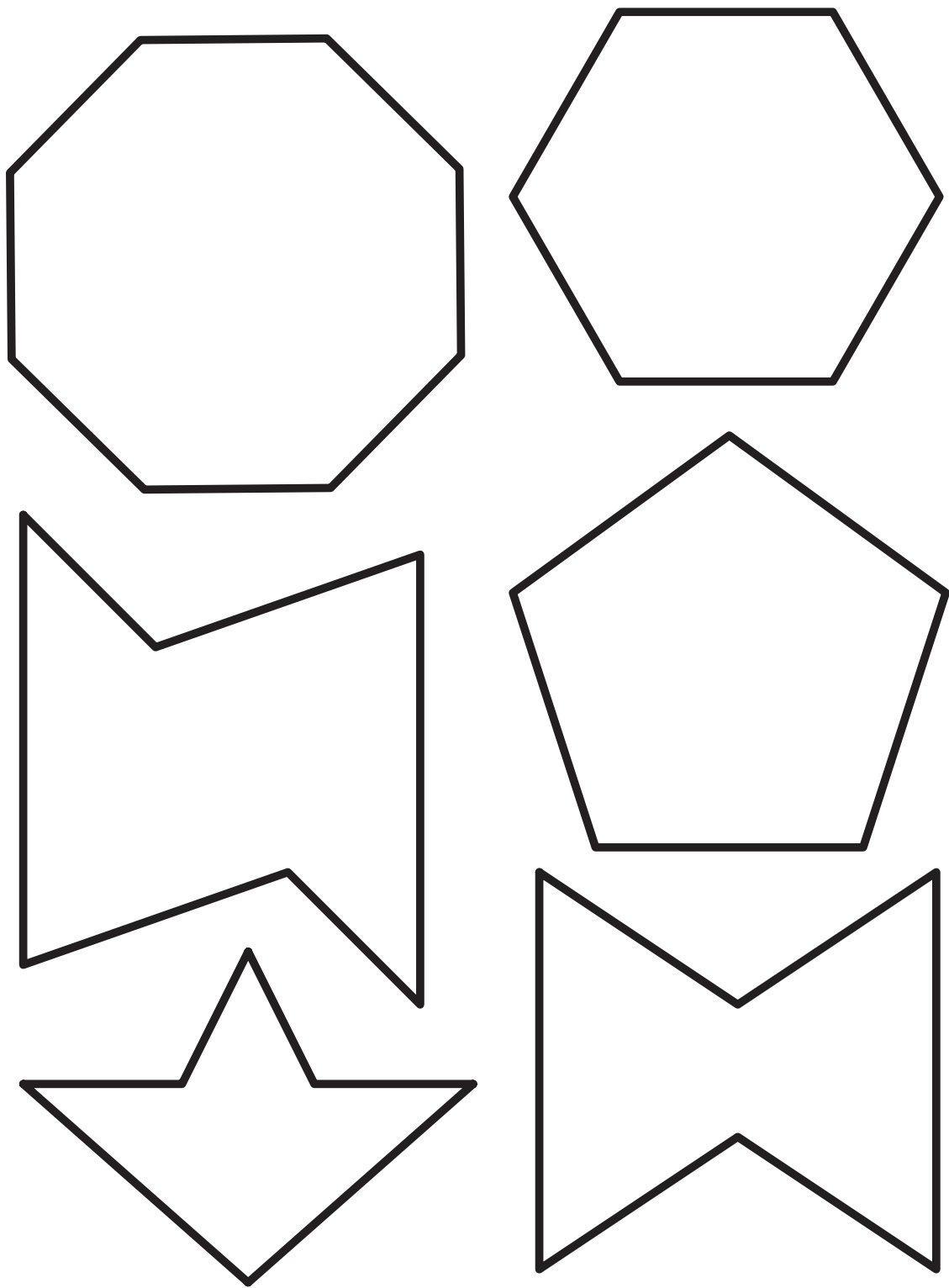## The Polygon Express

Write the name of each polygon used in your design in the table below. Then complete all the description boxes for each shape.

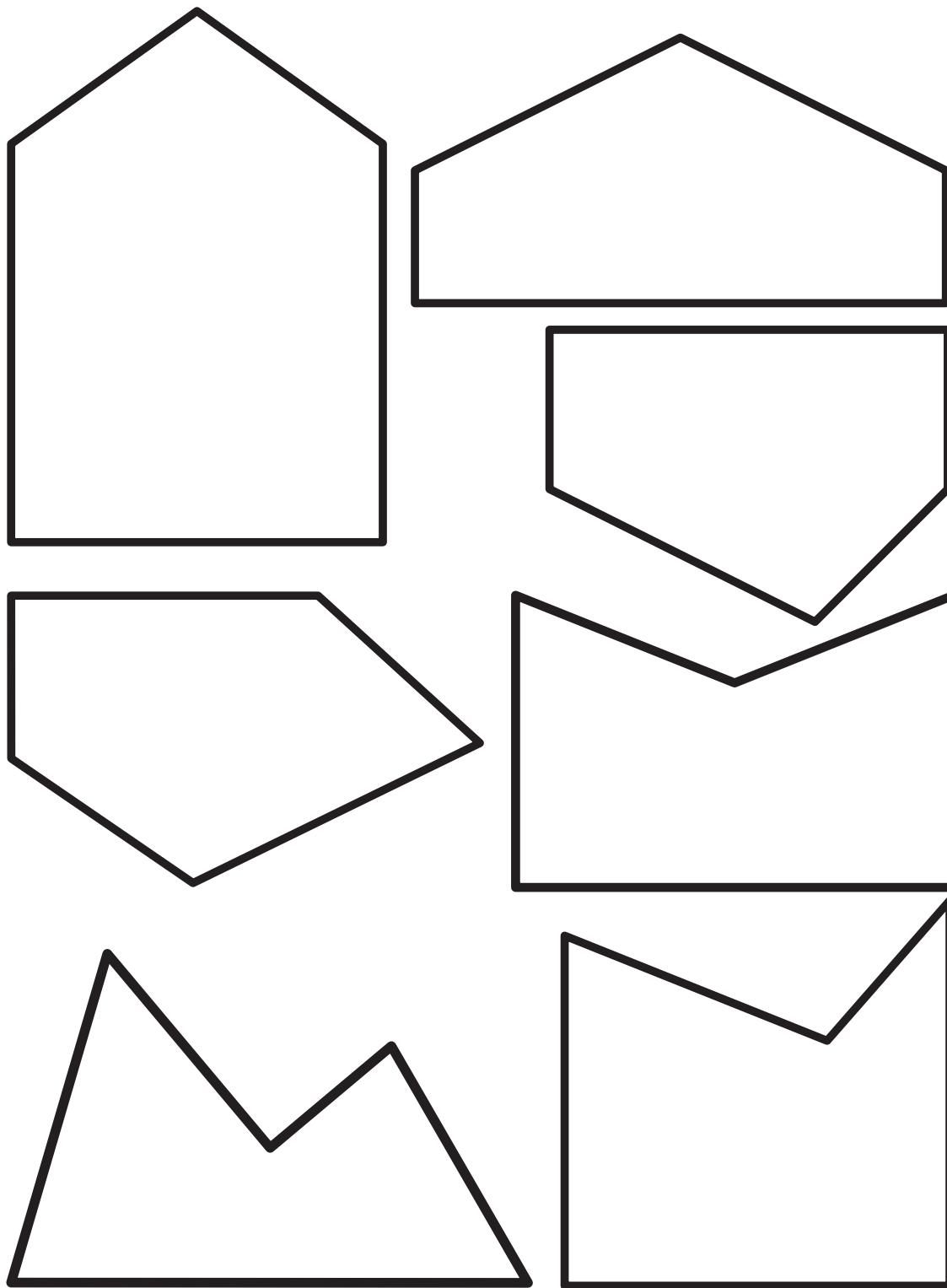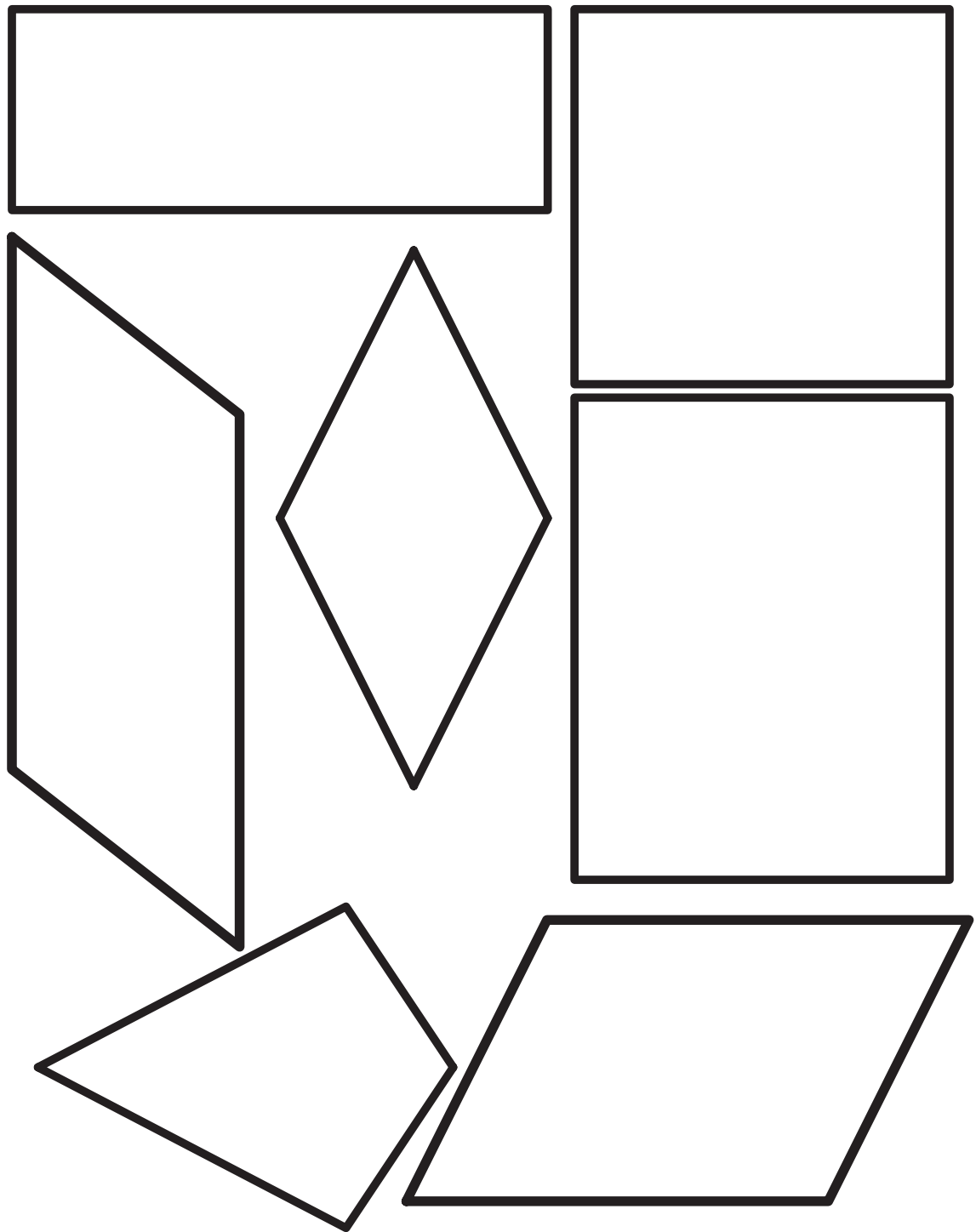|	Polygon Name	Number of Sides	Number of Vertices	Number of Equal Sides	Pairs of Parallel Sides	Right Angle(s)	Acute Angle(s)	Obtuse Angle(s)
1.								
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								

Thinking Questions

A. Which polygons above should be classified as quadrilaterals? Why?
B. Which polygons above should be classified as parallelograms? Why?
C. Which polygons above should be classified as rectangles? Why?
D. If a triangle contains a right angle and two acute angles how should it be classified? Why?
E. If a triangle contains an obtuse angle and two acute angles how should it be classified? Why?
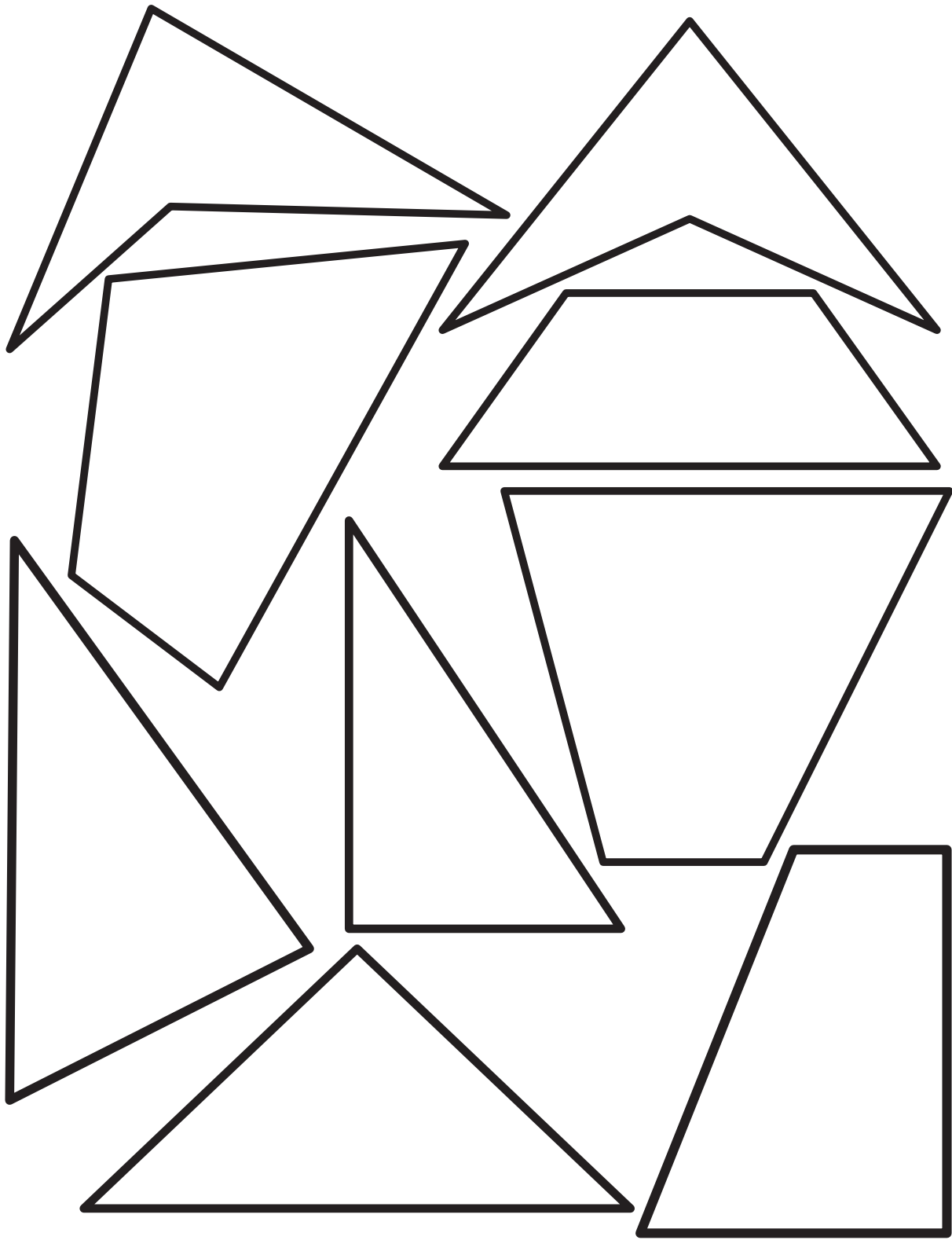F. If a triangle contains only acute angles how should it be classified? Why?

Assorted shapes—43

Assorted shapes—44

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Assorted shapes—45

Assorted shapes—46

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