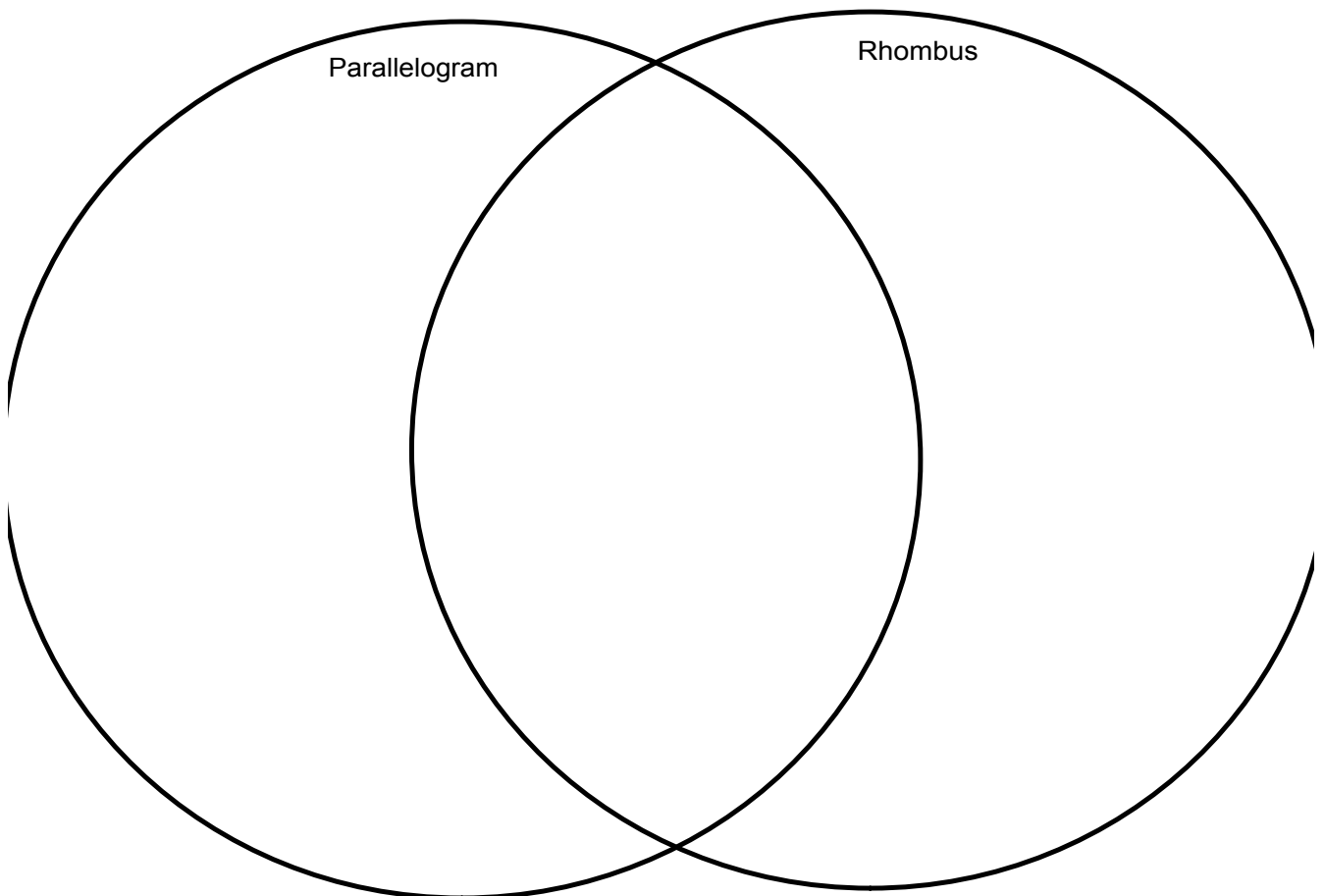# Geometry Practice Questions

1) Using the Venn Diagram, **compare the characteristics** of a parallelogram and a rhombus. Include a sketch of both shapes.

Parallelogram

Rhombus

2 What is a polygon? Give 3 examples.

_____

_____

_____

3) What is a quadrilateral? Give 3 examples.

_____

_____

_____

4) How are a rectangle and a parallelogram similar? How are they different? Use the terms *sides, angles* and *parallel* in your answer?

_____

_____

_____

_____

5)

Whooo am I?
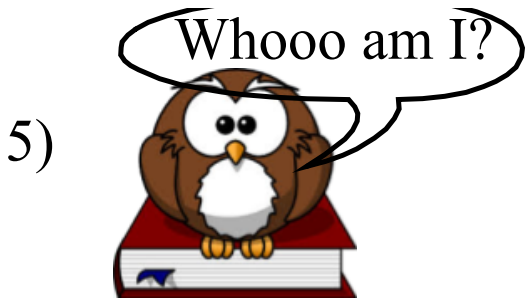
a) I have four sides which are all equal in length. Two of my angles are acute and two of my angles are obtuse. _____

b) I have four sides. I have four right angles. I have two pairs of opposite sides which are equal in length. _____

c) I have six sides. All of my sides are equal in length. _____

d) I have four sides. None of my sides are parallel. _____

e) I have five sides. None of my sides or angles are equal. _____

f) I have four sides. I have one pair of parallel sides. _____

g) I have four sides. Two sides are parallel and equal. _____

h) I have four sides and only 2 right angles. _____

i) I have 4 sides. _____

j) I have 8 sides; some sides are different lengths than others. _____