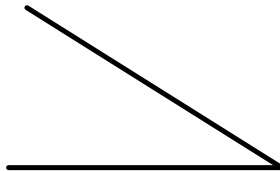Name: _____

Geometry Unit Test

1a) Measure and identify the following angles:

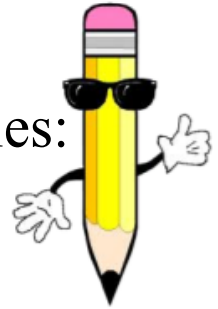Name: _____   Name: _____   Name: _____

1b) Construct and identify the following angles:

150° 65^0 90^0
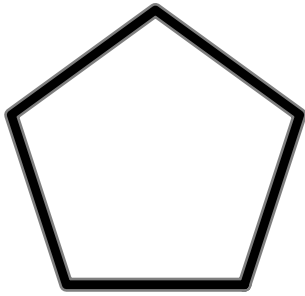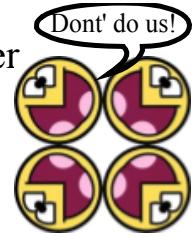
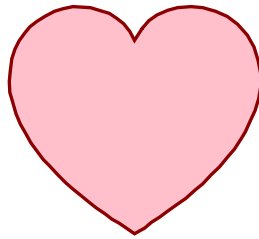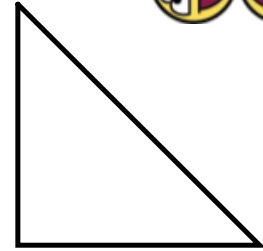Name: _____   Name: _____   Name: _____

2a) Consider the following shapes. **Draw** and **record** the number of lines of symmetry for each.
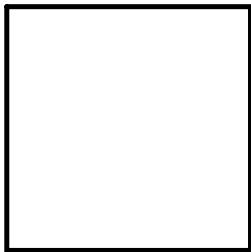
Dont' do us!

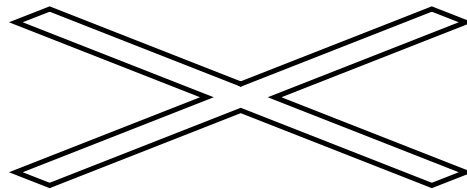Lines of Symmetry = _____   Lines of Symmetry = _____   Lines of Symmetry = _____
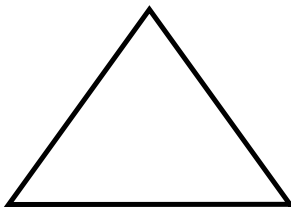
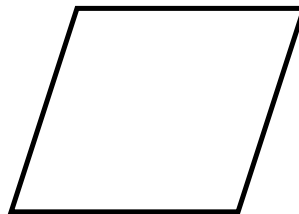2b) Consider the following shapes. Record the order of rotational symmetry.

Order of Rotational Symmetry = _____   Order of Rotational Symmetry = _____
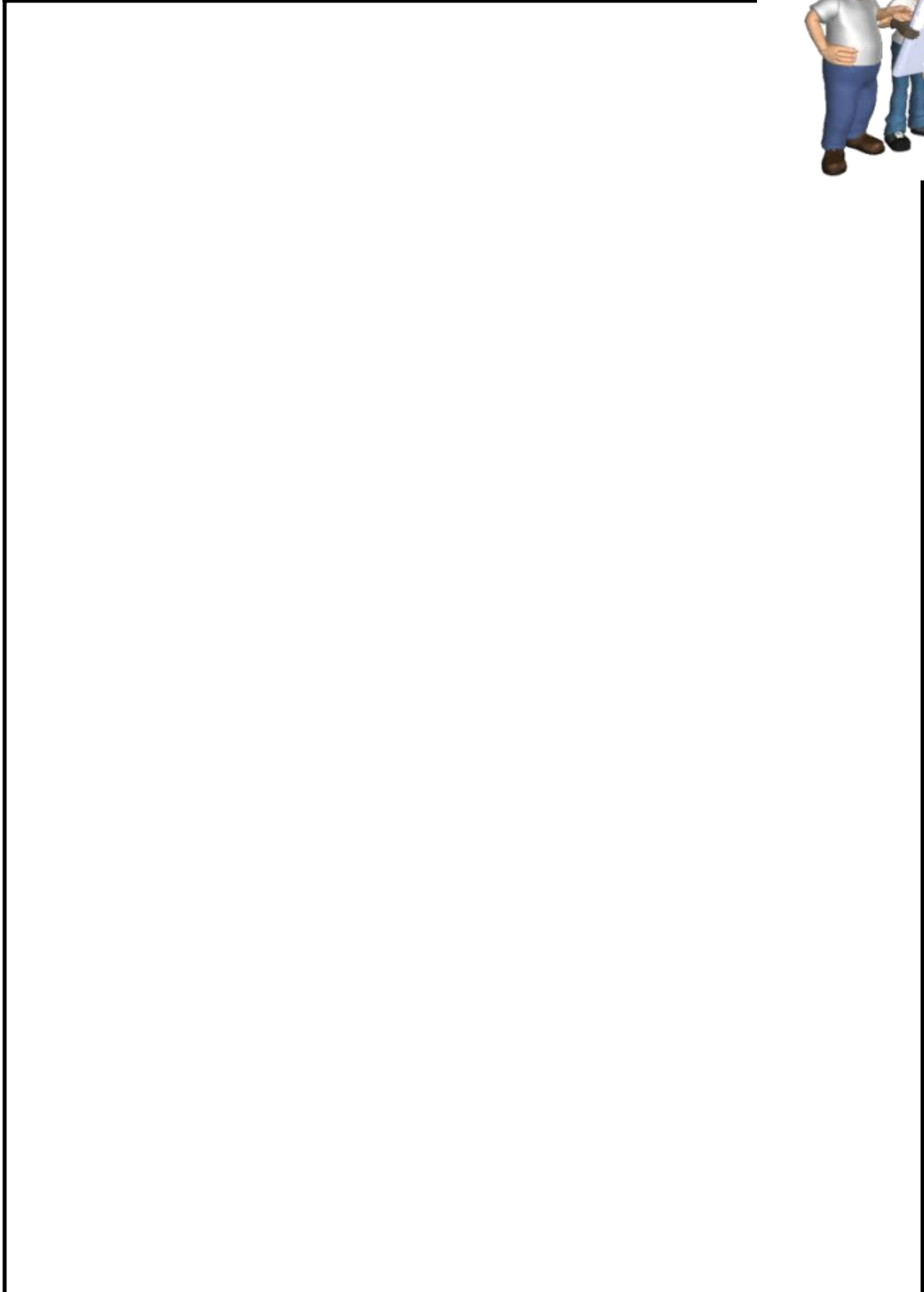
Order of Rotational Symmetry = _____   Order of Rotational Symmetry = _____

3. Construct a parallelogram with a 50^0 angle, one side length 8 cm and one side length of 5 cm.
   Label all sides and angles.
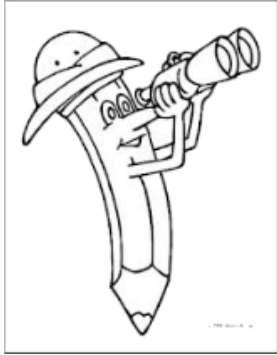
4) Use the Venn Diagram below to compare the characteristics of a rhombus with the characteristics of a trapezoid.
Consider the following in your comparison: angles, sides, symmetry.

rhombus   **trapezoid**
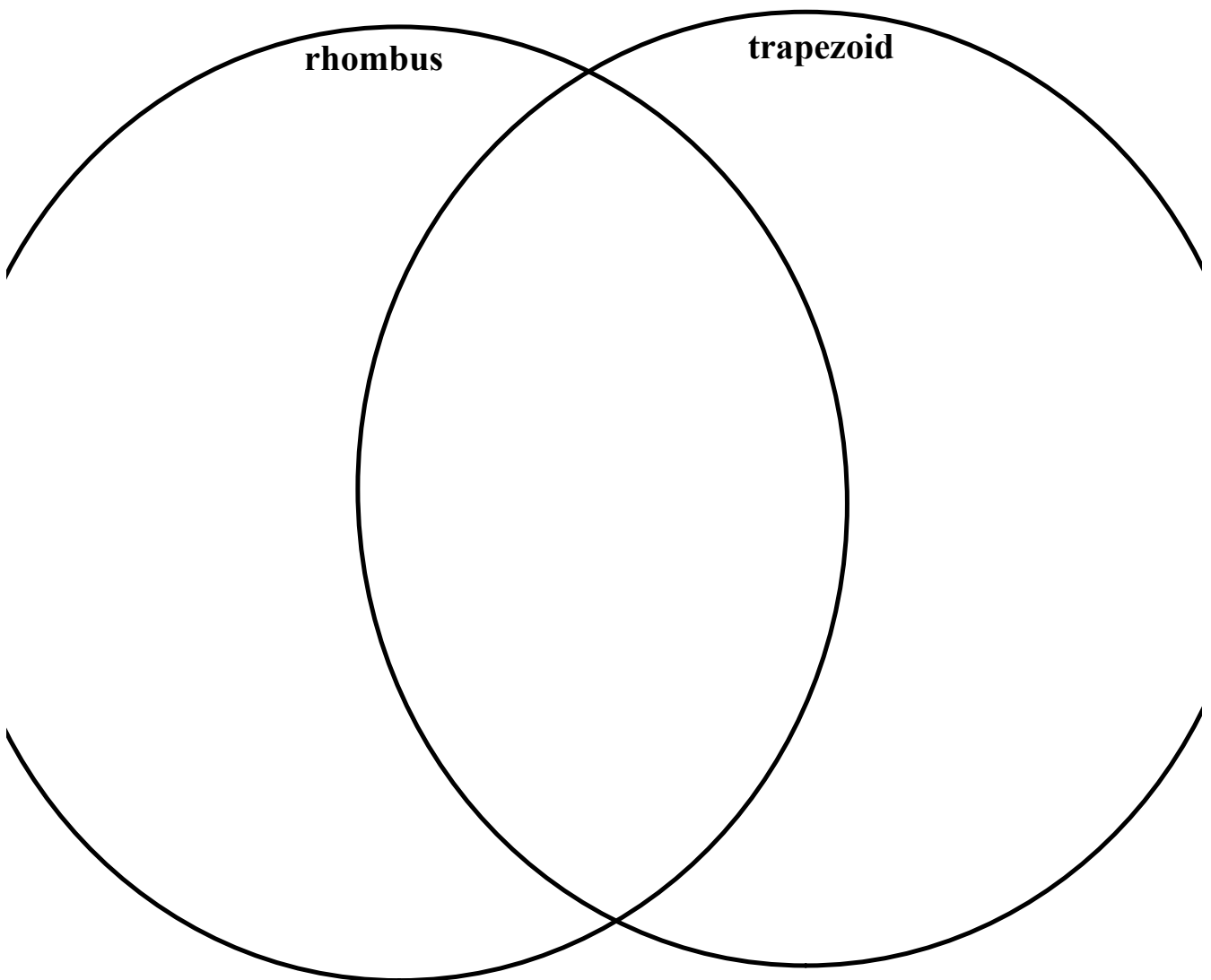
Include Sketch Below   Include Sketch Below

5) Use the clues below to identify the term or word that **best** describes the sentence.

1) I have 4 sides: _____

2) I have 6 sides which are all equal in length: _____

3) I am the thing that splits a shape into 2 equal (congruent) parts:

_____

4) All four of my sides are equal and I have no right angles. _____

5) I am a quadrilateral with one pair of parallel sides: _____

6) I have eight sides. Many of my angles and sides are different: _____

7) I am a polygon. My angles always add up to 180 degrees: _____

8) I am a quadrilateral and have no parallel sides: _____

9) We are quadrilaterals that can have order of rotational symmetry equal to zero: _____

10) I help you draw angles: _____