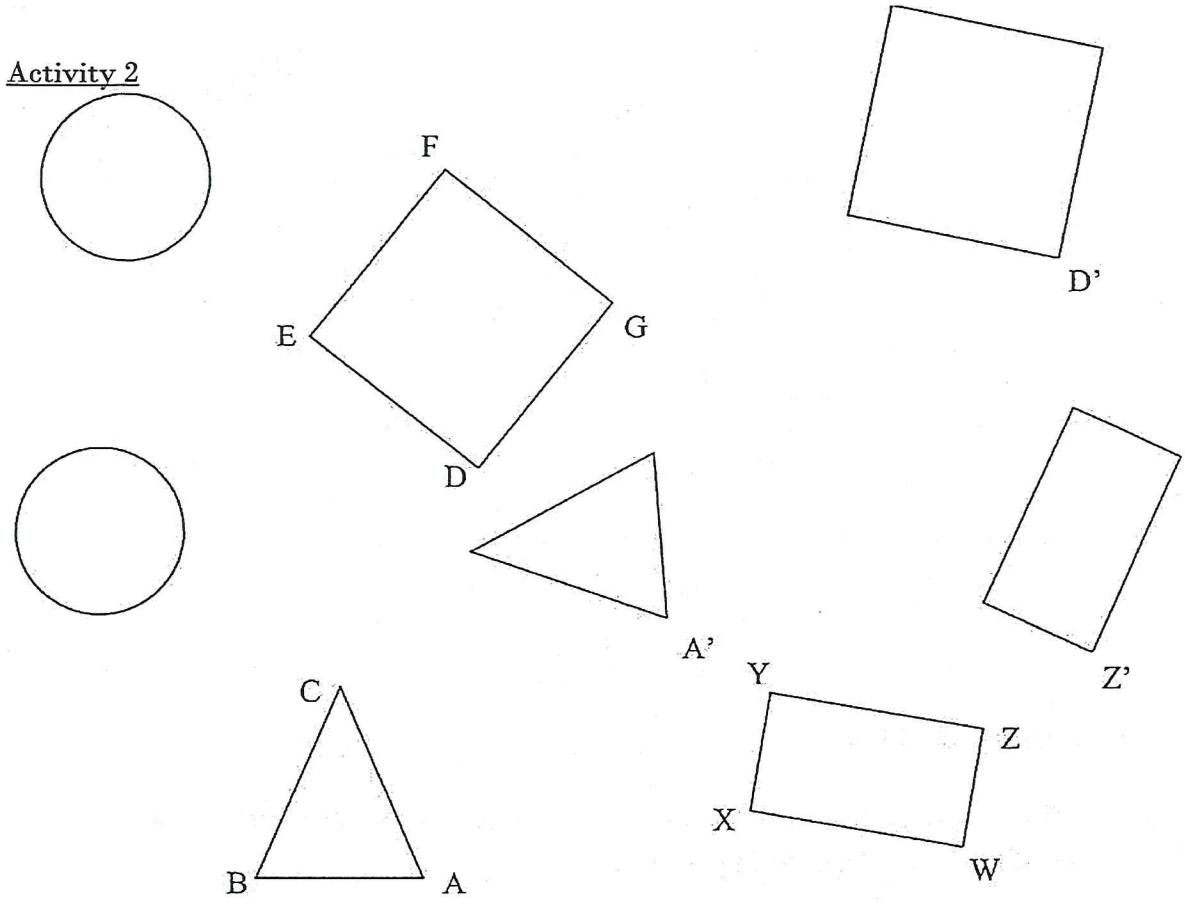
Name: _____

Activity 2



a) Place your MIRA between the two circles above and move it until the image of once circle maps onto the other circle.

b) Use the pencil against the back of the edge of the MIRA to sketch the line of reflection between the two circles. Label that *line c*.

c) Find the line of reflection for each pair of congruent shapes. Label the lines *line s* for squares, *line r* for rectangles, and *line t* for triangles.

d) For the triangle, square and rectangle, label the corresponding vertices on the image, so A maps to A' (A prime), B maps to B' etc.

☼ e) Use a ruler, connect each pair of corresponding vertices with a line segment. What do you notice about the family of line segments for each shape?

☼ f) Which pair of shapes could not be mapped? Why do you think that is so?