Name:

Date:

School:

Facilitator:

6.01 Explore

# Select a figure and drag the line to create two objects (the figure and its reflection).

1. Are the objects identical? If not, how do they differ?

2. How does the angle of the reflected figure to the line compare to the angle of the original figure to the line? (Hint - look at the dashed line)

Select a figure. Drag the line over the figure.

3. Can you make it so that the overlap between the original and reflected figure match the original figure completely? How?

4. Will this work for all figures? If not, can you explain how you can tell whether or not it will work?