Name: _____   Date: _____

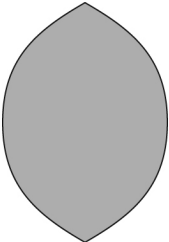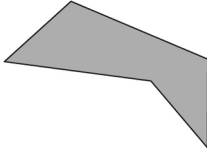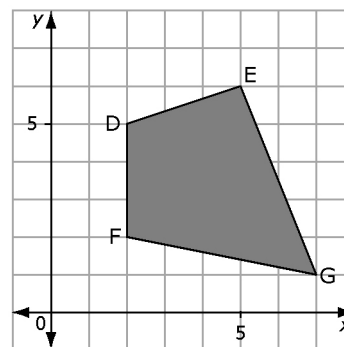# Section 1.1 Extra Practice

For each of the following shapes,
a) determine the number of lines of symmetry
b) if possible, draw the lines of symmetry

Shape	a) Number of Lines	b) Draw Lines
1.		
2.		
3.		

4. a) Redraw the figure DEFG using the *x* and *y* coordinates in the diagram.
   b) Draw the reflection image if the *y*-axis is the line of reflection. Label the figure D'E'F'G'.
   c) Draw the reflection image the of the figure DEFG if the *x*-axis is the line of reflection. Label the figure D"E"F"G".
   d) Translate the figure DEFG 8 units to the left, and 7 units down. Label the translated image D"'E"'F"'G"'.

Is the figure D"'E"'F"'G"' a reflection of the figure D"E"F"G" with the *y*-axis as the line of reflection? Explain your reasoning.

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