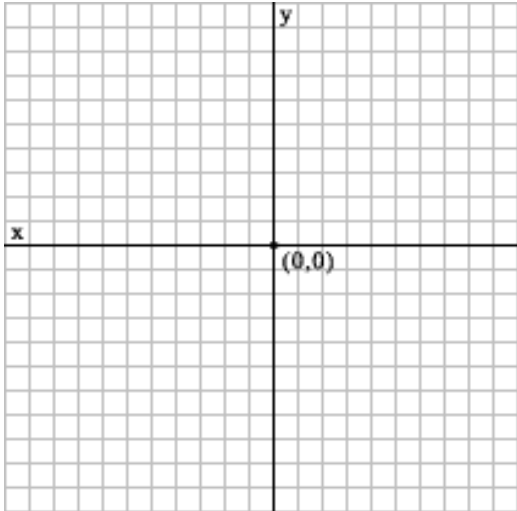


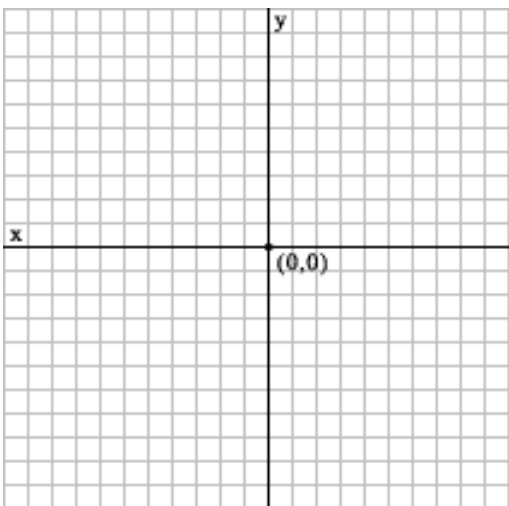
Hand-In Assignment Unit 7-1 2-D Geometry



1. Label the following vertices on Figure A.

A (2,3); B (3,4); C (2,5); D (5,5); E (4,1).
Connect the vertices in order to create a shape.

2. Translate the figure 4 units left and 5 units down. Write the vertices of the new figure.



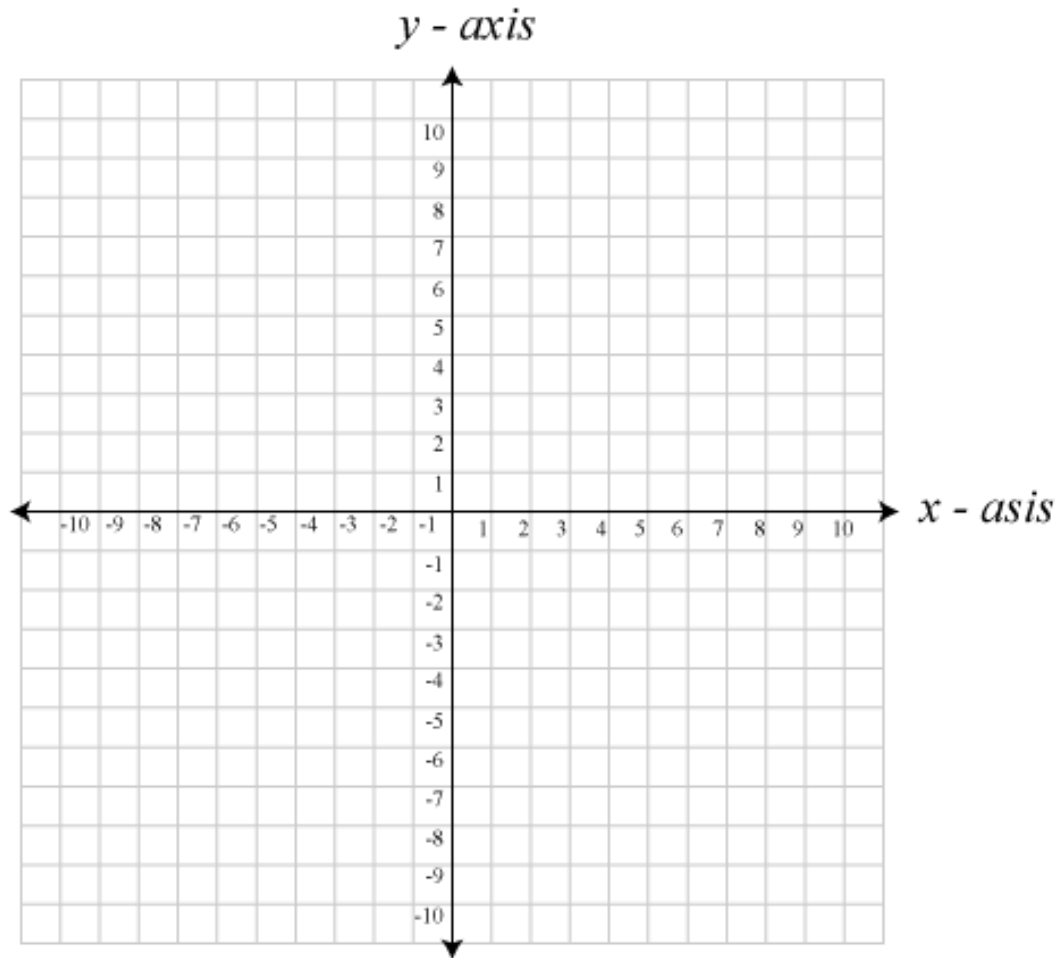
3. Label the following vertices and connect the vertices to create a parallelogram:

A (-2,4); B (-4,4); C (-1,1); D (-3,1)

4. Reflect this shape in the y-axis.

5. Reflect the image in the x-axis.

3. a) Draw a triangle with coordinates: A (-8,9); B (-2,4); C (-10,4). Rotate the triangle ABC 180 degrees cw around (0,0).



b) Write the coordinates of the *image* vertices.