Transformations

Reflection in the x-axis

$(x, y) \rightarrow (\quad , \quad)$

Reflection in the y-axis

$(x, y) \rightarrow (\quad , \quad)$

Abdulkader Amro

Reflection in Line y = x

$(x, y) \rightarrow (\quad , \quad)$

(x,y)To translate a point along vector ⟨a, b⟩ ,

$(x, y) \rightarrow (\quad , \quad)$

(x,y) To rotate a point 90° counterclockwise about the origin,

$(x, y) \rightarrow (\quad , \quad)$

(x,y) To rotate a point 180° counterclockwise about the origin,

$(x, y) \rightarrow (\quad , \quad)$

To rotate a point 270° counterclockwise about the origin,

$(x, y) \rightarrow (\quad , \quad)$