

Transformation Rules Summary Sheet

TRANSLATIONS

- Move left a # of spaces $(x, y) \rightarrow (\quad , \quad)$
- Move right a # of spaces $(x, y) \rightarrow (\quad , \quad)$
- Move down a # of spaces $(x, y) \rightarrow (\quad , \quad)$
- Move up a # of spaces $(x, y) \rightarrow (\quad , \quad)$

REFLECTIONS

- Reflected over the x-axis $(x, y) \rightarrow (\quad , \quad)$
- Reflected over the y-axis $(x, y) \rightarrow (\quad , \quad)$

ROTATIONS

- Rotate 90° CC $(x, y) \rightarrow (\quad , \quad)$
- Rotate 180° $(x, y) \rightarrow (\quad , \quad)$
- Rotate 270° CC $(x, y) \rightarrow (\quad , \quad)$

DILATIONS

- Dilated by a scale factor of # $(x, y) \rightarrow (\quad , \quad)$