Reflections

Transformations

Y-Axis

Y = #

X = #

Y = X

X-Axis

Rotations

Transformations

180°

90° Clockwise

90° CClockwise

Translations

Transformations

Right

Up

Down

Left

Multi-direction

Dilations

Transformations

From Another Point

From Vertex

From Origin

Dilations

Given Scale Factor

Determine Scale Factor