|  |  |  |  |
| --- | --- | --- | --- |
|  | |  | |
| **Reflect over x-axis** |  | **Reflect over y-axis** |  |
|  | |  | |
| **Reflect over** |  | **Translate right 1 unit and down 2 units** |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | |  | |
| **Translate left 2 units and up 3 units** |  | **Scale by a  factor of 2** |  |
|  | |  | |
| **Scale by a  factor of** |  | **Horizontal shear** |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | |  | |
| **Vertical shear** |  | **Rotate 90° CCW about the origin** |  |
|  | |  | |
| **Rotate 180° CCW about the origin** |  | **Rotate 270° CCW about the origin** |  |