## Figure 4 - Rotation, Flower

Plot the points for part one and connect them.
Plot the points for part two and connect them.
Rotate the pre-image $90^{\circ}$ about the origin.
Then keep rotating the new image 2 more times.

Part 1
A ( 0,0 )
B ( 1, 2 )
C ( 2, 3 )
D ( 4, 4 )
E (5,4)
F (5,3 )
G ( 4,1 )
H ( 2, 0 )
$\left.\begin{array}{rll}\text { Part } 2 & & \\ M & ( & 0,0\end{array}\right)$

Connect the points to finish the picture

| 0, -3 | or draw your own stem. |
| :---: | :---: |
| 0, -5 |  |
| -1, -7 |  |
| -2, -9 ) |  |
| -3, -8 ) |  |
| -3, -7 ) |  |
| -2, -7 ) |  |
| -2,-9 ) |  |
| -3, -12 ) |  |

