Transformations and Spreadsheets
(Summary of transforming matrices)

1	0	Rflection Along
0	-1	X-axis

-1	0	Reflection Along
0	1	Y-axis

2	0	Enlargement by a factor
0	2	of 2

2	0	Stretch in x-direction with
0	1	Magnitude 2

-1	0	Rotaion of 180 deg
0	-1	about 0

0	1	Reflection along
1	0	y = x

0	-1	Anticlockwise Rotation
1	0	Through 90 deg

0	1	Clockwise Rotation
-1	0	Through 90 deg