Answer all the questions concerning the geometrical interpretations of 2\*2 matrices in the

enclosed spreadsheet. The following 2\*2 matrices are treated: identity matrix, dilation

matrix, rotation matrix, reflection matrix, symmetric matrix, inverse matrix.

The questions on eigenvalues and eigenvectors for symmetric matrices are not so easy, if

you have not heard of the concepts before. Don't spend too much time on them in this

case. If you've heard of EV's and EV's before, do try to do them.