

Eigenvalue of matrix #3

Find the eigenvalues of **A** and **A²** where **A** is -

$$A = \begin{bmatrix} 2 & -1 \\ -1 & 2 \end{bmatrix}$$

Your answer should have the eigenvalues of **A** followed by eigenvalues of **A²** separated by a single line resembling this(with smaller value coming first):

5
6
2
3