# Linear Algebra 

Given the following matrix $A$ :
$\square$
Calculate the real numbers $x$ and $y$ such that:
$A^{2}+x A+\mathrm{y} I=0(I$ is the $3 \times 3$ identity matrix)
In the text box below, enter the integers $x$ and $y$ each on a new line, respectively. Do not leave any leading or trailing spaces.

