

Math 3120, Linear Algebra, Spring 2026, Worksheet 6

April 1, 2026

Name _____

Consider the matrix $A = \begin{bmatrix} 4 & 4 \\ 7 & 16 \end{bmatrix}$

1. Is 1 an eigenvalue of A ?
2. Is 2 an eigenvalue of A ?
3. Can you find any other eigenvalues of A ?