

WORKSHEET 1/26/23
MATH 2331, SPRING 2023

- (1) Let $A = \begin{bmatrix} 3 & 1 \\ 2 & 1 \end{bmatrix}$ and $B = \begin{bmatrix} 1 & -1 \\ -2 & 3 \end{bmatrix}$.
- (a) Calculate the general solution to $A\vec{x} = \vec{b}$.
 - (b) Calculate the general solution to $B\vec{y} = \vec{c}$.
 - (c) Compare your answers. What do you notice?