

Precal Spring 2022: Quiz #2			
Precal Spring 2022: Quiz #2 Name: March 22, 2022 1. Use matrices A and B below: $ A = B = \begin{bmatrix} 5 & -2 & 0 \\ 0 & 3 & 1 \\ 2 & 3 & 1 \end{bmatrix} \qquad \begin{bmatrix} 3 & 1 & 1 \\ 1 & -2 & 1 \\ 1 & 1 & 2 \end{bmatrix} $ Find the value of $(2A \times B) - B$:			
March 22, 2022			
1. Use matrices A and B below:			
$\begin{bmatrix} 5 & -2 & 0 \\ 0 & 3 & 1 \\ 2 & 3 & 1 \end{bmatrix}$	$B = \begin{bmatrix} 3 & 1 & 1 \\ 1 & -2 & 1 \\ 1 & 1 & 2 \end{bmatrix}$		

	the A is a 3×2 matrix and B is a 2×4 matrix. an you add A and B ? Explain why or why not in a complete sentence.
_	
(b) C	an you multiply A and B ? Explain why or why not in a complete sentence.
_	
_	
_	
Solve t	the system of linear equations to the right.
	$\begin{cases} 7x - 5y = -2\\ -4x + 3y = 1 \end{cases}$
Be sure	e to:
	Tonvert to $AX = B$
	$ \text{ind } A^{-1} $
	olve for variables using $X = A^{-1}B$ now all work!

You can use this space for extra work!			