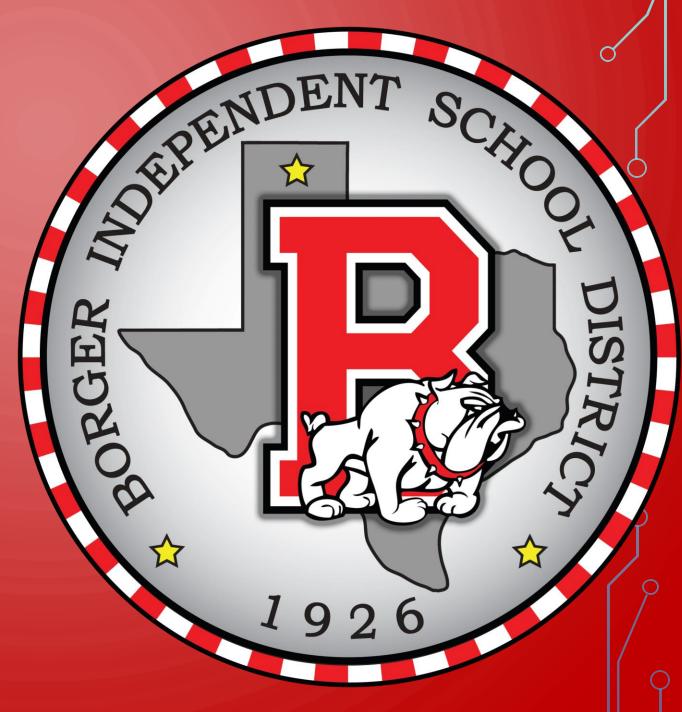
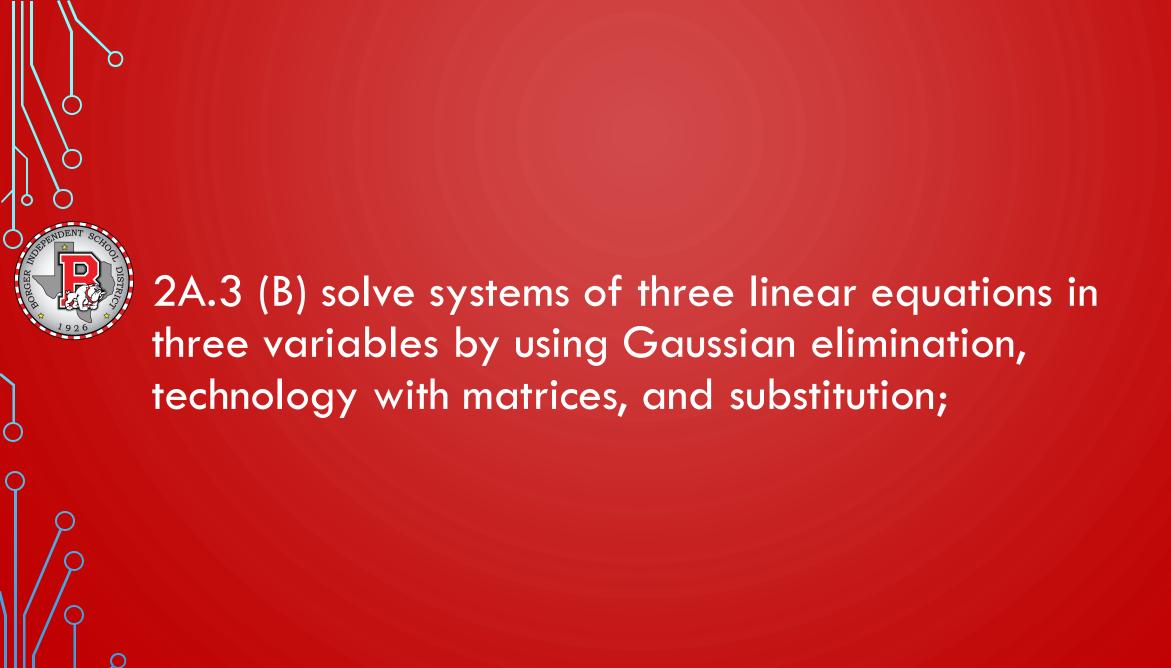
## BOARD NOTES

10 DECEMBER 2019





## We will be able to multiply two matrices.



## WHAT WE NEED:

- TI-84
- Definition:
  - Consistent
  - Inconsistent
- Solve for a variable

## I WILL BE ABLE TO COMPLETE MY HOMEWORK GIVEN THE

Matrix





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- 1) ADD OR SUBTRACT 2 MATRICES MUST BE SAME SIZE
- 2) Z MATRICES ARE EQUAL

  a) SAME SIZE
  - b) ais = bis

    MEANS ELEMENTS OF A

    IS EQUAL TO ELEMENTS

    B
- 3) MULT 2 MATRICES

  a) IST COL = 200 ROW

  ORDER

  ORDER

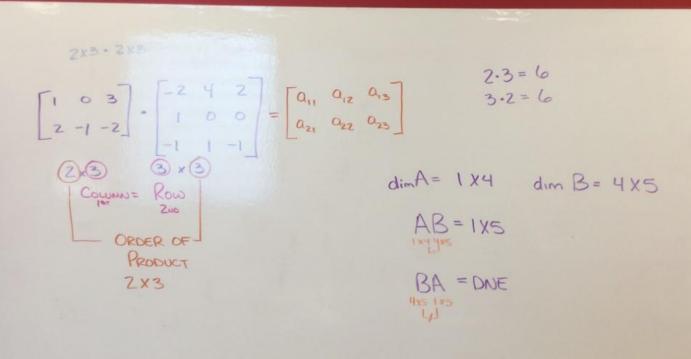
  ORDER

  ORDER

  ORDER









$$\begin{bmatrix} 23 \\ -3.5 + 4.7 \\ -3.5 + 4.7 \\ -3.6 + 4.-8 \end{bmatrix}$$

$$= \begin{bmatrix} 31 & -12 \\ 13 & -50 \end{bmatrix}$$



$$\begin{bmatrix} 4 & 2 \\ -1 & 3 \end{bmatrix} \cdot \begin{bmatrix} -1 & 3 & 5 \\ -2 & 0 & -6 \end{bmatrix} = \begin{bmatrix} 4 \cdot -1 + 2 \cdot -2 \\ & & -1 \cdot 5 + 3 \cdot 6 \end{bmatrix}$$

$$\begin{bmatrix} 2 \times 2 \\ -2 \times 3 \end{bmatrix} = \begin{bmatrix} -8 & 12 & 8 \\ -5 & -3 & -23 \end{bmatrix}$$
Resour