Calculator Instructions for Matrices

Determinants:
- Go to the "home" screen and add a "calculator"
- Use the "book" to find the det()
- Use the blue option above the multiplication symbol to choose a matrix
- If the matrix is bigger than a 2x2, the calculator will ask you to enter the number of rows and columns
- Once the matrix is created, fill in the values and hit "enter"

Mar 6-8:31 AM

Using the Graphing Calculator:

Cramer's Rule:
- Go to the "home" screen and add a "calculator"
- Use the "book" to find the det()
- Use the blue option above the multiplication symbol to choose a matrix
- If the matrix is bigger than a 2x2, the calculator will ask you to enter the number of rows and columns
- Once the matrix is created, fill in the values and hit "enter"
- Repeat the process for each determinant needed

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Using the Graphing Calculator:

Matrix Method:
- Go to the "home" screen and add a "calculator"
- Use the "book" to find the ref()
- Use the blue option above the multiplication symbol to choose a matrix
- If the matrix is bigger than a 2x2, the calculator will ask you to enter the number of rows and columns
- Once the matrix is created, fill in the values and hit "enter"
- This will give the matrix in reduced echelon form
- Use this matrix to determine the solution of the system

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Using the Graphing Calculator:

Inverse Matrix:
- Go to the "home" screen and add a "calculator"
- Use the blue option above the multiplication symbol to choose a matrix
- If the matrix is bigger than a 2x2, the calculator will ask you to enter the number of rows and columns
- Once the matrix is created, raise it to the -1 power
- This will give the inverse matrix

$$A \qquad A^{-1}$$

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Using the Graphing Calculator:

Matrix Multiplication:
- Go to the "home" screen and add a "calculator"
- Use the blue option above the multiplication symbol to choose a matrix
- If the matrix is bigger than a 2x2, the calculator will ask you to enter the number of rows and columns
- Once the first matrix is created, multiply it by the next one
- Continue until all matrices have been created
- Hit "enter" and the product matrix will be stated

Sep 12-10:03 AM

Graphing Method:
1) graphs & equations in y=mx+b form
2) type
3) solution

Operations on Matrices:
1) final matrix

Cramer's Rule:
1) each determinant labeled
2) type
3) solution

Matrix Method:
1) reduced matrix
2) equations from matrix
3) type
4) solution

Intro to Calc.
#1-10

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