

| $\begin{array}{\|l\|l\|} \hline \text { INSTRUMENTS } \\ \hline \text { INEXAS } \end{array}$ | More Geometry Concepts |  |
| :---: | :---: | :---: |
|  | with TI NSpire | $\begin{aligned} & \text { Created by Anthony Thomas } \\ & \text { GKB CSD } \end{aligned}$ |

Changing Scale

- You can change the scale of the geometry page.
- Move your cursor over the scale and click.
- Delete the current scale and replace it with the scale that you want.


## Changing Attributes

- You can change the attributes of different objects in the geometry page.
- Move the cursor over the object you want to change. Be sure that the text for the object you want is displayed.
- Press ©trr menu and choose " 3 : Attributes".


Store Function for Measurements

Calculations Using Stored Variables


## Changing Color

The TI Nspire has the ability for you to change the color of your lines or shapes.

- To change the color, press (ctr) menu.
- Choose "B: Color". You can choose between Line color and Fill color.
- The colors vary based on shades. Choose the shade you want and click.



## Storing \& Using Measurements

You can store your measurements as different vari-
ables.

- Choose a line segment to measure.
- Measure the length of the segment.
- The measurement will appear on the page. Move your
cursor to where you want the measurement to be placed and click.
- Press (trr) (menu on the measurement and choose " 5 : Store".
- Replace var with the variable you want.
- Hit enter. The variable will appear next to the measurement.
- To use the variables as part of an equation, first type the expression in the geometry page by creating a text box.
- Move your cursor over the text box and press @(tr) menu.
- Choose calculate and then click on the variable you want in your expression.

| TEXAS |  |  |
| :---: | :---: | :---: | :---: |
| INSTRUMENTS |  | Matrices Reference <br> Activities for TI Nspire |

## Creating a New Matrix

- Create a new calculator page.
- Press (menu and choose "7: Matrices \& Vectors".
- Choose "I: Create". Then choose the type of matrix you want to create.
- For this activity, choose "I: Matrix".
- Set the number of rows and columns for your matrix.
- Fill in the matrix by typing the number and then pressing (tab) to get to the next entry.



## Performing Matrix Operations

Nspire is slightly different from earlier models when adding, subtracting, or multiplying matrices.

- To add/sub/mult matrices, use the directional arrows to select the matrix you want to first.
- Press the operation button you want.
- Then use the directional arrows to select the second matrix.
- Press enter to perform the operation.


Multiplying Matrices

## Other Matrix Menu Options

The TI Nspire can perform all of the necessary matrix operations in one quick step.

- Press menu and choose "7: Matrix \& Vectors". Choose the matrix operation that you need.
- Then choose the matrix that you want to perform the operation on.


