

Legend

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| --- | --- |
| **Action** | **Description** |
| Select | Point and click or press enter |
| Navigate | Press first letter, Press space or backspace, press space+ dot 4 or dot 1, d-Pad, point and click |
| Type | enter text |
| Enter | Press dot 8 |
| Backspace | Press dot 7 |
| Return to main menu | Round button on front of Monarch, space+ dots 1,2,3,4,5,6 |

# KeyMath Information and Activities

## Objectives

1. Enter and solve basic numeric equations.
2. Export an equation to a KeyWord document to be shared with an instructor.
3. Enter and graph an equation.
4. Export a graph to a KeyWord document to be shared with an instructor.
5. Graph multiple expressions and use the shortcut to disable an expression and reenable as needed.
6. Use the symbols tool to create correct math content.

## Using the Basic Calculator

1. Navigate to KeyMath and select.
2. Use space + N to begin a new expression.
3. An edit box will appear.
4. Type an expression such as 22\*55.
5. Press Enter to signal the calculator to solve the equation.
6. The equation with a solution will be displayed. 22\*55 = 1210
7. You can use backspace+ dots 2,3,5,6 to delete this expression.
8. This works for all basic calculations.
9. Remember to enter in the math type which has been set in the language profile, Nemeth is the default, but this can be changed to UEB.

## Exporting Calculation to Word Document

1. Use space+ N to begin a new expression.
2. Enter the equation: 22\*55.
3. Press Enter to signal the calculator to solve this equation.
4. The problem and solution will appear on the display.
5. Use backspace+ E to export this expression to the clipboard.
6. The display will indicate that the expression was moved.
7. Use the Home button to go to the main menu.
8. Navigate to KeyWord and select.
9. Open a blank document.
10. Use backspace+ V to paste the content into the document.
11. The entire line is considered an object, so the problem and solution will be presented as one expression.
12. Use the recent apps button to go back to KeyMath.
13. You can export multiple expressions this way.

## Graphing an Equation

1. Use space+ N to begin a new expression.
2. An edit box will appear.
3. Type y = 2x + 5
4. Press Enter to signal the calculator to solve the expression.
5. A visual graph will appear on your monitor.
6. On the braille display, the letters "ge” will appear before the equation.
7. Use enter+ G to view a raised graph of the equation.
8. You can graph multiple expressions by following the same steps. Graphs will appear next to each other when they are raised.
9. When in the expressions list, you can disable an expression, so it is not displayed on the graph by using backspace+ L.
10. The letters “Ng” will appear before the disabled expression.
11. This is a toggle, so the expression can be enabled with backspace+ L.

## Exporting a Graph to a Word Document

Note: This is done the same way as exporting a calculator expression.

1. Use backspace+ E to export the graph to the clipboard.
2. Open a KeyWord document either by going to the main menu and selecting KeyWord or using the recent apps button to open KeyWord.
3. Use backspace+ V to paste the graph and equation into the document.

## Inserting a Math Symbol

Note: If you cannot remember a Nemeth or UEB math symbol, you can use the symbol tool to look it up.

1. Begin entering your equation and stop where you need to insert the symbol.
2. Use backspace+ dots 3,5 to open the symbols list.
3. Once you find the symbol you need, you can select it.
4. The symbol is then inserted, and you can continue writing your equation.

## Switching from KeyMath to a Worksheet or Other Document

1. The easiest way to do this is using the recent apps button on the front of the Monarch.
2. You can do this to easily move back and forth after you have opened both KeyMath and the document once.
3. The first time you open KeyMath you can use the round Home button to open KeyWord or Braille Editor from the main menu to go to your document.
4. After you have opened both apps once, you can use the recent apps button to move back and forth easily.
5. Pressing the button brings up a list of recent apps, and you can select the one you want.
6. Pressing the Recent Apps button twice brings you to your most recently opened app.