New Features

SMART Notebook™
Math Tools Software

SMART Notebook™ Math Tools provides you with the features of SMART Notebook software so you can create and deliver engaging, interactive learning experiences across grades, subjects and learning styles. SMART Notebook Math Tools also includes the following mathematical tools.

Features at a Glance

• Equations
  – Handwriting Recognition for Mathematical Symbols (page 2)
  – Equation Solving (page 2)
  – Equation Editing (page 2)

• Advanced Shape Creation and Manipulation Tools
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• Graphs
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The SMART Notebook Math Tools beta included additional measurement tools. However, those features are now part of SMART Notebook software and are available to SMART Notebook users with or without SMART Notebook Math Tools.
Equations

Handwriting Recognition for Mathematical Symbols
Write equations on the page using pen tray pens (on interactive whiteboards) or a tethered pen and pen tool buttons (on interactive pen displays). SMART Notebook Math Tools recognizes many numbers, letters, symbols, operators and functions and replaces your written equation with typed, editable text.

\[ y = 2x + 2 \]

Equation Solving
After SMART Notebook Math Tools recognizes your mathematical symbols, you can instruct SMART Notebook Math Tools to solve the equation and display a mathematical, symbolic or graphical solution.

Equation Editing
Insert and edit equations on the .notebook page.
Advanced Shape Creation and Manipulation Tools

Regular Polygon Tool
Insert regular polygons with 3 to 15 sides, and customize their color, size and line style using the Properties tab.

Irregular Polygon Tool
Insert irregular polygons by creating points on a .notebook page.

Advanced Shape Manipulation
Manipulate a shape by selecting and editing its vertices. Display its interior angles and side lengths and watch these values update automatically as you edit the shape. Edit the side length values and allow SMART Notebook Math Tools to automatically calculate the side lengths of the shape’s other sides.
**Shape Division**
Divide a circle, square or rectangle into separate pieces of equal area. Edit and manipulate these pieces as individual objects.

![Image of a circle divided into three equal parts]

**Graphs**

**Dynamic Graphing**
Create graphs from equations. If you edit the equation, the graph updates automatically.

![Image of a graph with the equation $y = 2x + 2$ displayed]
Create graphs from a table of values. Add values to the table or add points to the graph. If you edit the table, the graph updates automatically and vice versa.

Custom Graph Builder
Insert a Cartesian graph, quadrant graph or number line into a page. You can customize the title, size, position and grid lines of the graphs and edit the start point, end point, labels and grid lines of its axes.
Launch Texas Instruments Emulators
Launch and operate TI-Nspire™, TI-SmartView™ 84 and TI-SmartView 73 software from within SMART Notebook.

NOTE
The Texas Instruments emulator isn't included with SMART Notebook Math Tools and this feature works only if Texas Instruments software is already installed and licensed on your computer.