### How to Use the Calculator

**Before using the calculator:**
- **Reset switch** (Display): To return to the initial display.
- **Memory clear key** (Display): To clear the contents of memory.
- **Multi-line Playback Function** (Display): For viewing previous calculations.
- **Scientific Notation** (Display): To display numbers in scientific notation.
- **Non-Verbal Notations** (Display): To indicate non-verbal notations.
- **Complex Number Mode** (Display): To enter complex numbers.
- **Angular Unit Conversions** (Display): To convert between different angular units.
- **Memory Calculations** (Display): To perform calculations using memory functions.
- **Setting the Floating Point Numbers System in Scientific Notation** (Display): To change the display format for scientific notation.
- **About the Memory clear key** (Display): To clear all memory contents.
- **Differential/Integral Functions** (Display): To perform differential and integral calculations.
- **Random Number Generation** (Display): To generate random numbers.
- **Statistical Calculations** (Display): To perform statistical calculations.
- **Arithmetic Operations** (Display): To perform arithmetic operations.
- **Reset function** (Display): To reset the calculator to its initial state.
- **Operational Notes** (Display): To provide operational instructions.
- **Hard Case** (Display): To protect the calculator from damage.
- **Disp** (Display): To display the current mode setting.
- **Mode selection** (Display): To select the calculation mode.
- **Memory (M)** (Display): To store values in memory.
- **Memory (M)** (Display): To recall values from memory.
- **Memory (M)** (Display): To delete values from memory.
- **Memory (M)** (Display): To clear all memory contents.
- **Memory (M)** (Display): To display the current memory status.
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### Metric Conversions

<table>
<thead>
<tr>
<th>No.</th>
<th>Unit</th>
<th>Conversion Factor</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>a</td>
<td>centimeter</td>
<td>1 cm = 10 mm</td>
</tr>
<tr>
<td>12</td>
<td>b</td>
<td>meter</td>
<td>1 m = 100 cm</td>
</tr>
<tr>
<td>13</td>
<td>c</td>
<td>kilometer</td>
<td>1 km = 0.621371 miles</td>
</tr>
<tr>
<td>14</td>
<td>d</td>
<td>centimeter</td>
<td>1 cm = 0.393701 inches</td>
</tr>
<tr>
<td>15</td>
<td>e</td>
<td>meter</td>
<td>1 m = 39.3701 inches</td>
</tr>
<tr>
<td>16</td>
<td>f</td>
<td>kilometer</td>
<td>1 km = 0.999898 miles</td>
</tr>
</tbody>
</table>

**Note:** The relationships between the above units are based on the 2014 International System of Units (SI). The values given are approximate and rounded to 4 decimal places. They are useful for general purposes and are consistent with the 2014 CODATA recommended values or 2008 Edition of the Guide for the Use of the International System of Units (SI) released by NIST (National Institute of Standards and Technology) or ISO specifications.
8. Press the RESET switch with the tip of a ball-point pen or similar object.
9. Replace the cover and screws.

When to Replace the Batteries
If the display has poor contrast or nothing appears on the display even when ON is pressed in dim lighting, it is time to replace the batteries.

Cautions
- An exhausted battery left in the calculator may leak and damage the calculator.
- Fluid from a leaking battery accidentally entering an eye could result in serious injury. Should this occur, wash with clean water and immediately consult a doctor.
- Should fluid from a leaking battery come in contact with your skin or clothes, immediately wash with clean water.
- If the product is not to be used for some time, to avoid damage to the unit from fluid leakage or battery corrosion, remove the batteries.
- Do not leave exhausted batteries inside the product.
- Keep batteries out of the reach of children.
- If the product is defective or when it is repaired. Make a note of all important memory contents in case accidental erasure occurs.

Notes on erasure of memory contents
When the battery is replaced, the memory contents are erased. Erasure can also occur if the calculator is defective or when it is repaired. Make a note of all important memory contents in case accidental erasure occurs.

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Function Dynamic range

\[ f(x), g(x), h(x) = 0 \]