

Texas Instruments 34MV/TBL/1L1/D

Texas Instruments TI-34 MultiView Scientific Calculator User Manual

Model: TI-34 MultiView (34MV/TBL/1L1/D)

1. SETUP

1.1 Unpacking and Initial Inspection

Carefully remove the calculator from its packaging. Inspect the device for any signs of damage. The TI-34 MultiView calculator is designed with non-skid rubber feet and an impact-resistant cover for durability.

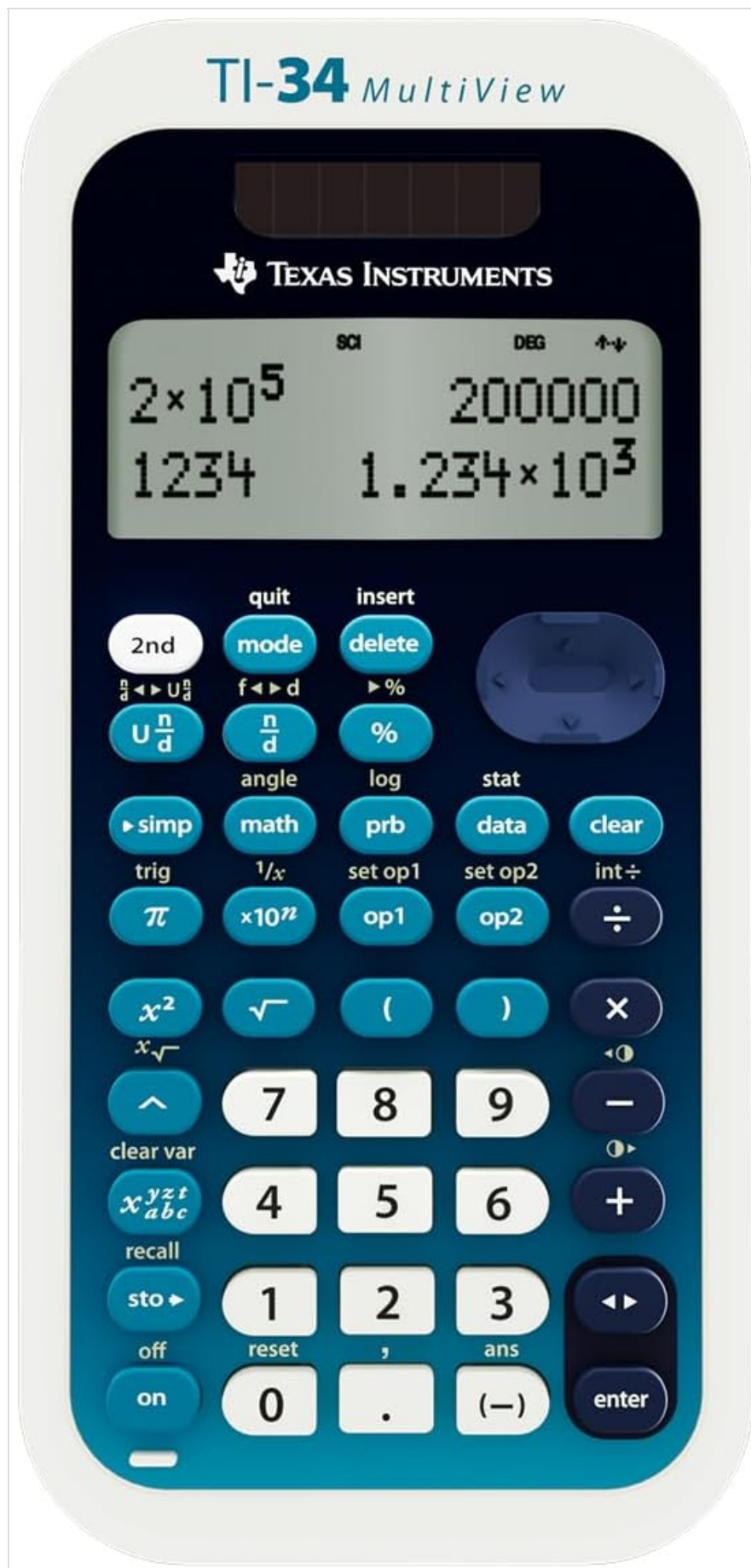


Figure 1.1: Front view of the TI-34 MultiView Scientific Calculator.



 TEXAS INSTRUMENTS

SCI

DEG

↑↓

2×10^5

200000

1234

1.234×10^3

2nd

quit

mode

insert

delete

$\frac{n}{d} \leftarrow \rightarrow \frac{n}{d}$

$f \leftarrow \rightarrow d$

$\rightarrow \%$

$\frac{n}{d}$

$\frac{n}{d}$

$\%$

angle

log

stat

\rightarrow simp

math

prb

data

clear

trig

$1/x$

set op1

set op2

int \div

π

$\times 10^n$

op1

op2

\div

x^2

$\sqrt{}$

(

)

\times

$x\sqrt{}$

$\leftarrow 0$

\wedge

7

8

9

$-$

clear var

x^{yzt}
 abc

4

5

6

$+$

recall

sto \rightarrow

1

2

3

$\leftarrow \rightarrow$

off

reset

,

ans

on

0

.

($-$)

enter



Figure 1.2: Angled front view showcasing the display and keypad.



Figure 1.3: Side view of the calculator, showing its slim profile.

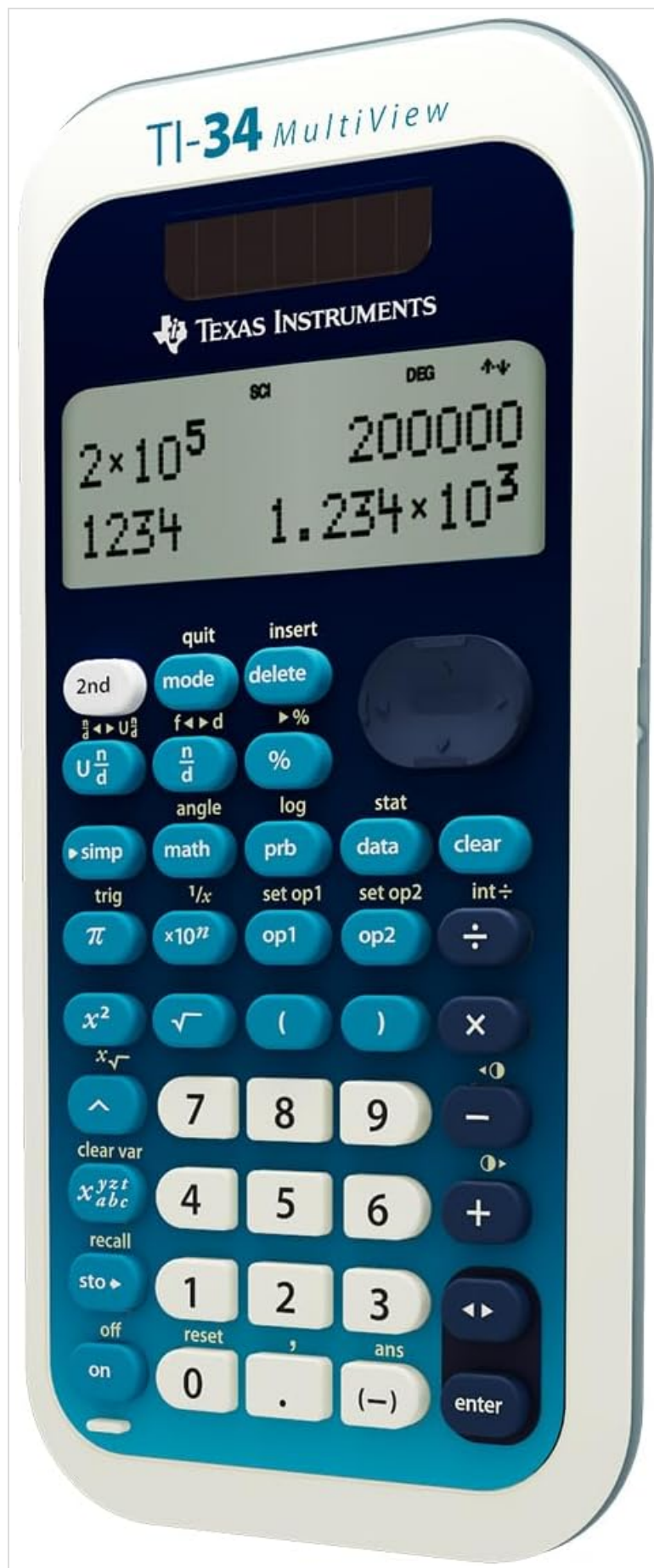


Figure 1.4: Back view of the calculator, highlighting the non-skid rubber feet.

#1 BRAND
recommended

by teachers

 TEXAS INSTRUMENTS

TI-34 MultiView™

Intermediate, 4-line scientific calculator

 **PERMITTED**
SAT* AP* ACT®



Protective cover



Dual powered



4-line screen



MathPrint™ display



Fraction simplification

TI-34 MultiView

 TEXAS INSTRUMENTS

DEG
 $\frac{1}{2} + \frac{1}{10}$
 $\frac{6}{10} \rightarrow \text{simp}$ Fac=2



 **WARNING**

• INGESTION HAZARD: This product contains



Figure 1.5: The calculator held in hand, illustrating its compact size for portability.

1.2 Power Source

The TI-34 MultiView calculator is dual-powered, utilizing both solar energy and a battery. This ensures reliable operation in various lighting conditions.

- **Solar Power:** The solar panel located above the display provides power in well-lit environments.
- **Battery Power:** For low-light conditions or when solar power is insufficient, the calculator uses a Lithium Metal battery (1 required).

1.3 Safety Information

WARNING: This product contains a button cell or coin battery. If ingested, a button cell or coin battery can cause internal chemical burns in as little as 2 hours and lead to death. Keep new and used batteries OUT OF REACH OF CHILDREN. Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body.

2. OPERATING INSTRUCTIONS

The TI-34 MultiView is designed for ease of use with a four-line display and intuitive menu navigation.

2.1 Basic Operations

- **4-Line Display:** Enables scrolling and editing of inputs, allowing you to view multiple lines of calculations simultaneously.
- **MathPrint™ Feature:** Displays expressions, symbols, and fractions exactly as they appear in textbooks, enhancing understanding and readability.
- **Previous Entry:** Allows you to review and recall previous entries, which is useful for checking work or identifying patterns.
- **Menus:** Easy-to-read and navigate pull-down menus, similar to those found on graphing calculators, centralizing all mode settings.
- **Scientific Notation Output:** View scientific notation with proper superscripted exponents.

2.2 Advanced Functions

- **One- and Two-Variable Statistics:** Perform statistical calculations with ease.
- **Advanced Fraction Capabilities:** Work with fractions in a familiar format, including mixed numbers and improper fractions.
- **Step-by-Step Fraction Simplification:** Simplify fractions step-by-step, aiding in the learning process.
- **Edit, Cut, and Paste Entries:** Conveniently modify or reuse parts of your calculations.
- **Table Feature:** Easily explore an (x,y) table of values for a given function, either automatically or by entering specific x values.

2.3 Permitted Use

The TI-34 MultiView Scientific Calculator is permitted for use on the following standardized tests:

- SAT®
- AP® (Advanced Placement)
- ACT®

2.4 Key Features Comparison

The following table compares key features of the TI-34 MultiView with the TI-30XIIS calculator:

Scientific Calculator Feature	TI-30XIIS	TI-34 MultiView™
Display lines	2	4
Statistics	2-variable	2-variable
Type of power	Solar/battery	Solar/battery
Fraction/decimal conversion	•	•
Trig, log, exponents	•	•
Edit, cut, and paste entries	•	•
MathPrint™ textbook display	•	•
(x,y) tables		•
Step-by-step fraction simplification		•

Table 2.1: Comparison of key features between TI-30XIIS and TI-34 MultiView Scientific Calculators. (• indicates feature presence)





Figure 2.1: Packaging detail highlighting the feature comparison table.

3. MAINTENANCE

3.1 Cleaning

To clean your calculator, use a soft, dry cloth. Do not use abrasive cleaners or solvents, as these may damage the calculator's surface or internal components.

3.2 Battery Replacement

The TI-34 MultiView uses a CR2032 Lithium Metal battery. When the display becomes dim or the calculator does not power on reliably, it may be time to replace the battery. Refer to the battery compartment on the back of the calculator for instructions on how to open it and replace the battery. Ensure proper polarity when inserting the new battery.

4. TROUBLESHOOTING

4.1 Common Issues and Solutions

- **Calculator does not turn on:** Ensure there is sufficient light for the solar panel or replace the battery if it is depleted.
- **Display is dim or blank:** This often indicates a low battery. Replace the CR2032 battery.
- **Unexpected results or frozen display:** Press the 'reset' button located on the back of the calculator (you may need a paperclip or a thin pointed object). This will clear all memory and settings, returning the calculator to its default state.
- **Keys are unresponsive:** Ensure no debris is lodged under the keys. If the issue persists after a reset, contact customer support.

5. SPECIFICATIONS

Specification	Detail
Product Dimensions	6.64 x 3.3 x 0.1 inches
Item Weight	4.8 ounces
Item Model Number	34MV/TBL/1L1/D
Batteries	1 Lithium Metal battery (CR2032) required
Power Source	Solar and Battery Powered
Screen Size	4-line display
Color	Blue, White
Manufacturer	Texas Instruments
First Available Date	May 23, 2008

6. WARRANTY AND SUPPORT

6.1 Product Support

For additional resources, tutorials, and frequently asked questions regarding your TI-34 MultiView Scientific Calculator, please visit the official Texas Instruments education website:

education.ti.com/34-info

You may also be eligible for the TI Technology Rewards Program. Refer to your product packaging for details.

Texas Instruments

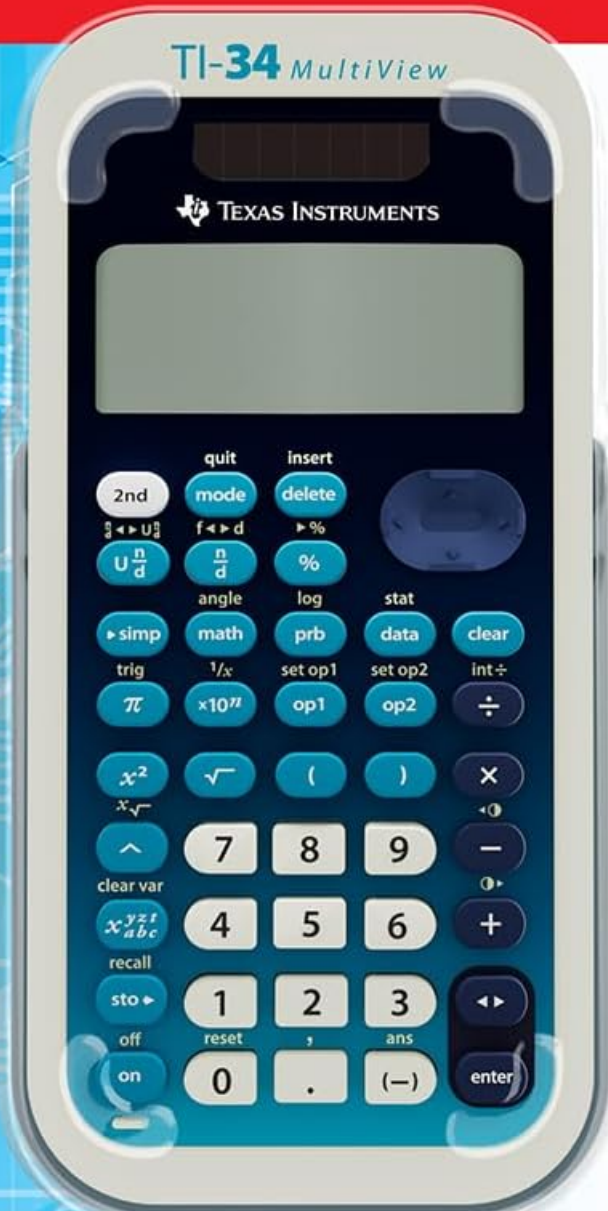
#1 Brand recommended by teachers

TI-34
MultiView™

**INTERMEDIATE
SCIENTIFIC**
with MathPrint™

- Four-line screen
- Middle school math and science

Middle School Math
Pre-Algebra
Algebra 1
Geometry
General Science



⚠ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.



4-line screen



Solar/battery



MathPrint™ display



Step-by-step fraction simplification

Figure 6.1: Front packaging of the TI-34 MultiView, indicating brand and model.

6.2 Warranty Information

Specific warranty details for the TI-34 MultiView Scientific Calculator are typically provided with the product at the time of purchase. Please refer to the documentation included in your product packaging for comprehensive warranty terms and conditions. For warranty claims or service, contact Texas Instruments customer support through their official website.

7. OFFICIAL PRODUCT VIDEOS

No official seller-provided product videos were available for embedding in this manual.