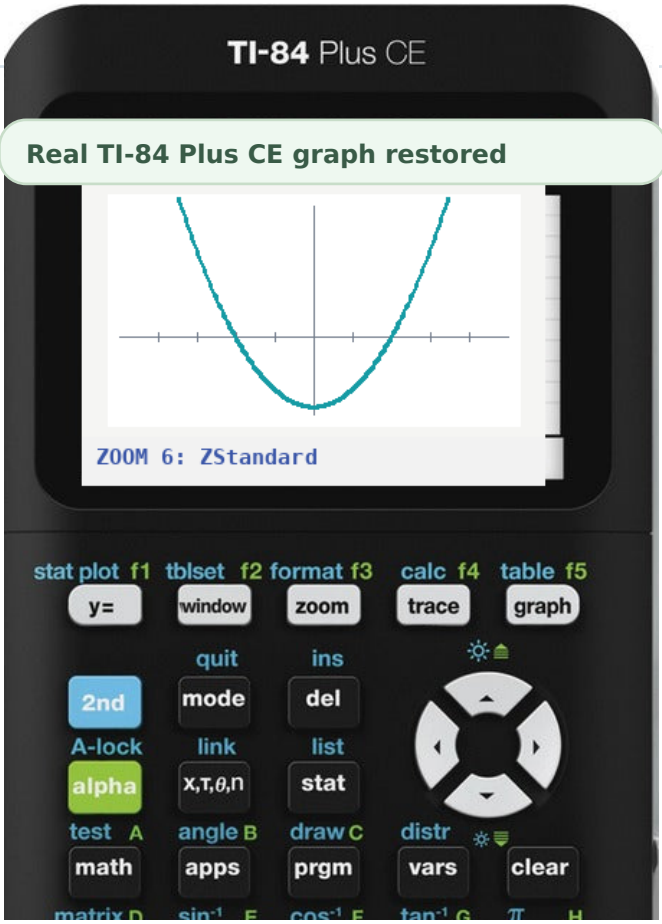
8. Fix common errors systematically

School-poster style • Example: restore a blank graph with ZStandard

C4C POSTER



Real TI-84 Plus CE graph restored

What students should notic

- A blank graph can be a window problem, not an equation problem.
- ZOOM opens preset viewing windows.
- 6:ZStandard restores a standard

Teacher talk

Ask: “Is the equation wrong, or could the graph simply be outside the current window?”

Expected result

After ZOOM 6:ZStandard, the function should be visible again in a standard window.

Key sequence zoom → 6:ZStandard

Check the equation

Confirm the function is entered and enabled.

Open ZOOM

zoom

Press ZOOM to see viewing presets.

Choose ZStandard

6:ZStandard

Choose 6:ZStandard.

Graph again

graph

The graph should reappear in a standard window.

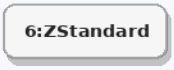
Fix common errors systematically: classroom support

Key-by-key reminder, common mistakes, and a student challenge

C4C POSTER

Key-by-key reminder

ZOOM
Open viewing-window presets.



6:ZStandard
Restore a standard window.

GRAPH
Redraw the function.

DEL
Fix a small entry error.

CLEAR
Use carefully; do not erase blindly.

MODE
Check settings when results look wrong.

5-minute classroom routine

1. Read the symptom or error message.
2. Identify whether it is syntax, domain, dimension, window, or mode.
3. Change one likely cause.
4. Retest the same task.
5. Explain what fixed it.

Common mistakes to watch

- Clearing everything before understanding the problem.
- Re-entering a correct equation when the viewing window is wrong.
- Ignoring angle mode or list dimensions.

Student challenge / exit ticket

Try one of these follow-up tasks:

Blank graph	**ERR:DOMAIN**	**INVALID DIM**

For each symptom, name the first setting or input you would check.