Find roots of quadratic equation using TI 83 plus:
First, check if your calculator has it

- Apps (blue button near the green one)
- A menu will appear, if your calculator has this function, it will be in "PlySmlt 2".
- If your calculator doesn't have the program you can get it through calculator to calculator transfer (using the small black wire that comes with your calculator) - this method is used if one of the calculators has the program.

Connecting Two Calculators with a Unit-to-Unit Cable

The TI-83 Plus link port is located at the center of the bottom edge of the calculator.

1. Firmly insert either end of the unit-to-unit cable into the port.
2. Insert the other end of the cable into the other calculator's port.

On the sending unit press [2nd] [LINK]

Go down the menu and choose option "C: Apps…" and press ENTER
On the next screen, choose the option "PlySmlt 2" and press ENTER

Press [▶] on the sending unit to display the **TRANSMIT** menu.

On the new receiving unit, press [2nd] [LINK] [▶] to display the **RECEIVE** menu.

Press [ENTER] on the receiving unit.

Press [ENTER] on the sending unit. A copy of the selected item(s) is sent to the receiving unit.

Wait until the DONE screen appears on both calculators.

Using the “PlySmlt 2” to find root of quadratic equation:

Equation: $-x^2 + 11.2x = 0$

Press [APPS] to display a list of applications on your calculator.

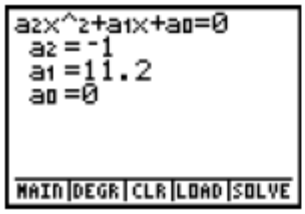
Select **PolySmlt**. The information screen is displayed.

Press any key to continue. The MAIN MENU is displayed.

Select **Poly Root Finder**.

Enter the degree of the polynomial (**2**), and then press [ENTER].

Enter the coefficients of the polynomial {-1, 11.2, 0}. Press [ENTER] after each coefficient to move the cursor to the next line.



Select **SOLVE** (press [GRAPH]) to calculate and display the roots.