

# Guess My Coefficients App

For the TI-83 Plus

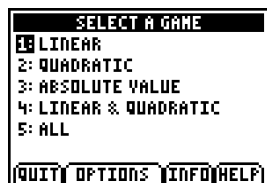


The Guess My Coefficients Application provides a review of the graphs and equations of linear, quadratics, and absolute value functions in a challenging game setting. Explore relationships between symbolic expressions and graphs. Users can set the number of problems in a game, up to 99.



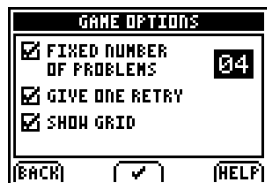
## 1 To Begin

With the handheld turned on, press **[APPS]**, select GuesCoef and press **[ENTER]**. Press any key to move along the opening screens to the Select a Game screen.



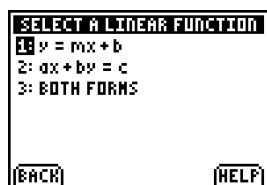
## 2

Options, such as <INFO>, appear at the bottom of several screens. Press the graphing keys under the appropriate selection to activate the option.



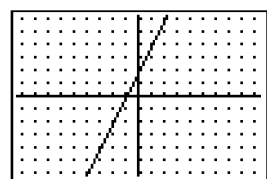
## 3

On the Select a Game screen, press <OPTIONS> to set up the number of problems (up to 99) or play until a user misses three problems. To select actions such as Grid options, use the arrow keys and press the <✓> (**[ZOOM]**) to change the options. Press <BACK> to return to the Select a Game screen.



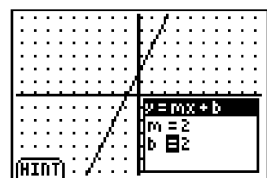
## 1 Problem Example

Select 1:LINEAR on the Select a Game screen, then choose 1:y=mx+b – slope-intercept form.



## 2

Press any key to view the graph. Study the graph and then press any key.



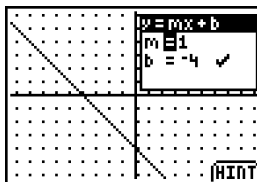
## 3

Input the correct values



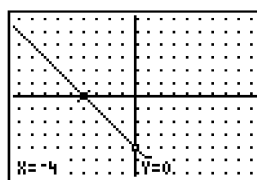
## 4

The graph will draw using the entered values. If the values are correct, a message will display. To move on, press <OK> (**[GRAPH]**).



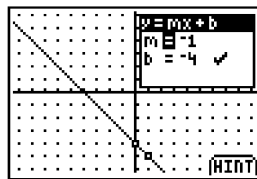
## 5

The next problem is displayed. Press any key to see the graph and press again to get the input box. If the answer is incorrect, the box will reappear and a check mark will show the correct response.



## 6

Press <HINT> to see two points on the graph and to trace the graph.



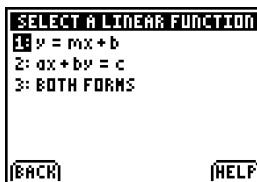
## 7

Input the correct value for m.



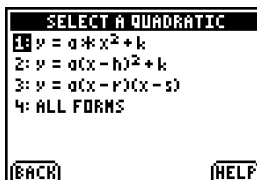
## 8

Press <OK> to continue play. Press **[2nd]** **[QUIT]** and follow instructions to quit play. Play to see who gets the high score.



## 9

The following screens show all function forms available for this game.



## To Quit

Press **[2nd]** **[QUIT]** at any time to access previous screens and to leave the application.

