

# Appendix B

## Common Errors

TI-83 (below), TI-89 (page 270), TI-86 (page 271),

### TI-83 Error Messages

- Error when graphing `ERR:UNDEFINED`  
`▣Quit`

Look at the function definition screen. Is Plot 1 highlighted? (left picture)

Using the up arrow, move the cursor to Plot 1, and press `Enter`. Then move the cursor back to the function definition. You should see the highlighting disappear from Plot 1 (right picture). If needed, do the same thing for Plot 2 and Plot 3. These are used for statistical plots.

```
Plot1 Plot2 Plot3
\Y1=2X^2-3X+4
\Y2=
\Y3=
\Y4=
\Y5=
\Y6=
\Y7=
```

```
Plot1 Plot2 Plot3
\Y1=2X^2-3X+4
\Y2=
\Y3=
\Y4=
\Y5=
\Y6=
\Y7=
```

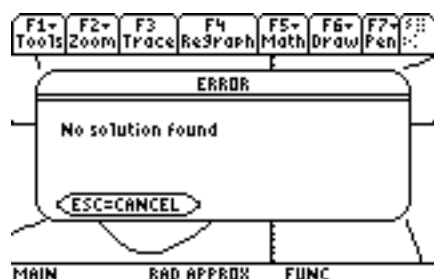
- Error `ERR:NO SIGN CHNG`  
`▣Quit`  
`Z:Goto`

Possible causes:

- When using `Zero` function, the  $x$ -intercept is not between the left and right bounds specified. The function does not change sign in the interval specified.
- When using `Intersect` function, the specified two curves do not intersect for any values of  $x$ .

## TI-89 Error Messages

- Error



Possible causes:

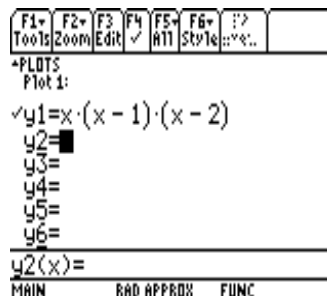
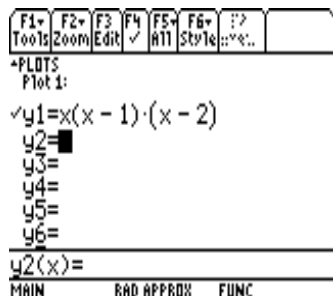
- When using **Zero** function, the  $x$ -intercept is not between the left and right bounds specified. The function does not change sign in the interval specified.
- When using **Intersect** function, the specified two curves do not intersect for any values of  $x$ .

- Error



Possible cause:

The function definition is missing a \* for multiplication (left picture). When we have single variable at the beginning of the definition times something, we must enter the multiplication symbol to avoid an error (right picture).



## TI-86 Error Messages

- Error when graphing      **ERROR 34 STAT PLOT**



Look at the function definition screen.  
Is Plot 1 highlighted ?

```

P1001 P1002 P1003
√102x^3-3x+1
√202x
√3=
    
```



Using the up arrow, move the cursor to Plot 1, and press **Enter**. Then move the cursor back to the function definition. You should see the highlighting disappear from Plot 1. If needed, do the same thing for Plot 2 and Plot 3. These are used for statistical plots.

```

P1001 P1002 P1003
√102x^3-3x+1
√202x
√3=
    
```



Now try the graph again.

- Error      **ERROR 27 NO SIGN CHNG**



Possible causes:

- When using **Zero** function, the  $x$ -intercept is not between the left and right bounds specified. The function does not change sign in the interval specified.
- When using **Intersect** function, the specified two curves do not intersect for any values of  $x$ .