

File Name: NEWT.8XP      Type: Program      Protected: No  
Comment:Program file 05/21/13, 10:52

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```
FnOff
PlotsOff
ClrHome
Disp "0000000000000000"
Disp ""
Disp ""
Disp "  NEWTONS METHOD"
Disp "  BY WILL SMITH"
Disp ""
Disp "0000000000000000"
Pause
ClrHome
```

Fix 5

```
Disp "EQUATION"
Input Str1
Disp "DERIVATIVE OF Y"
Input Str2
Str1→Y
Str2→Y2
Lbl 2
FnOff 2
ClrHome
Disp "    USE GRAPH TO"
Disp " CHOOSE STARTING"
Disp "      POINTS"
Pause
DispGraph
Pause
Disp "START POINT"
Prompt X
Disp "PRESS ENTER TO"
Disp "GUESS AGAIN"
Lbl 1
Y=∅→A
X-Y/Y2→X
Disp X
Pause
If Y(X)≠A
Goto 1
If Y(X)=A
Goto 2
Float
Stop
```