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15/ENG07/016

TEST

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TEST

Question 1b

commandwindow

clear

clc

close

t=(0:0.001:1);

t=linspace(0,15,0.001)

n=(49.36\*exp(t.\*4))-(116.36\*exp(t.\*-3))-(36\*(power(t,2)))-(t.\*72)+144;

plot(t,n)

Question 1a

commandwindow

clear

clc

close

x=0:0.001:15;

y=0.000139\*(power(x,4))+0.0052125\*(power(x,2))-0.000139\*x;

plot(x,y)

grid on