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DEPARTMENT: ELECT-ELECT ENG

QUESTION 1A

commandwindow

clear

clc

close all

x = 0:0.001:15

y = (1/192)*power(x,2)-(1/720)*power(x,3)+(1/7200)*power(x,4)

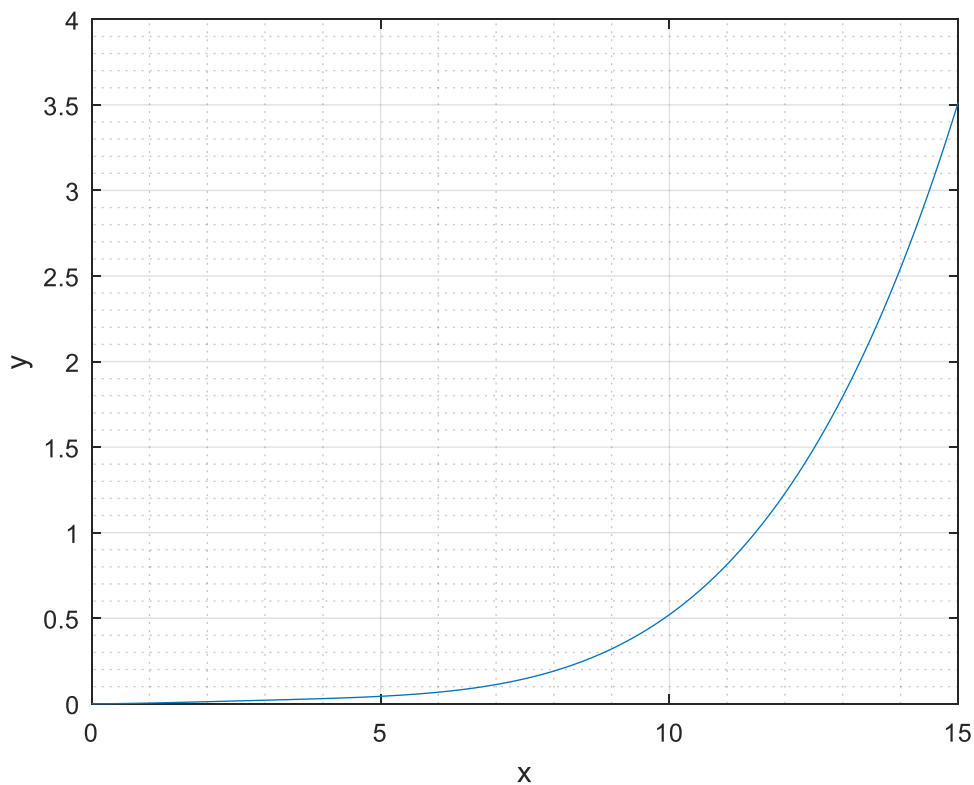
plot(x,y)

grid on

grid minor

xlabel('x')

ylabel('y')



QUESTION 1B

```
commandwindow
clear
clc
close all
t = 0:0.001:1
y = (99/14)*exp(4*t) + (215/28)*exp(-3*t)-12*power(t,3)-3*power(t,2)-(23/4)*t-(39/4)
plot(t,y)
grid on
grid minor
xlabel('t')
ylabel('y')
```

