

Graphical Analysis Sheet

Solve in the notes copy.

1. Draw the graph of following equations:

a. $y=3x-4$

b. $x=2y-2$

c. $3x=6y+4$

d. $3y=x-6$

e. $y=4x^2$

f. $x=8y$

g. $2x + 3y = 4$

h. $x - y = 5$

i. $X^2 - x + 2 = y$

j. $x=-2y-6$

k. $x= 2y+7$

l. $y=4x+2$

m. $y= 3x^2 + 5$

n. $x= 2y^2-3$

o. $x^3y=2$

p. $xy^3=-3$

q. $x^2y^6=4$

r. $xy=-5$

s. $x^2 + y^2 = 16$

t. $x^2/6 + y^2/8 = 1$

u. $y= 8(1-e^{-kx})$

v. $y= 10+4(1-e^{-kx})$

w. $y= -5e^{-kx}$

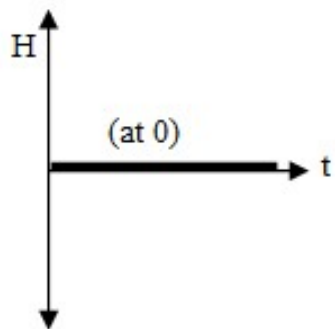
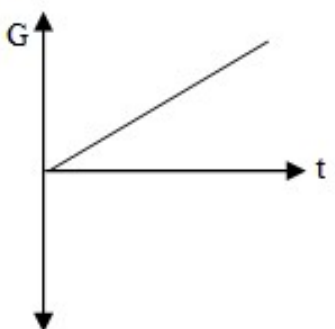
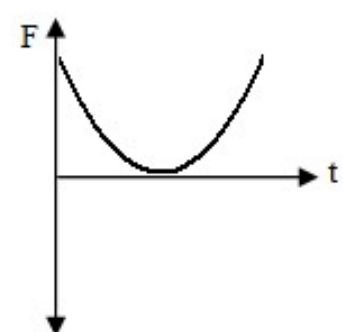
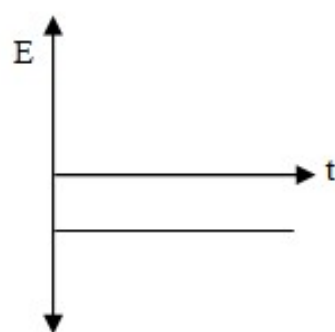
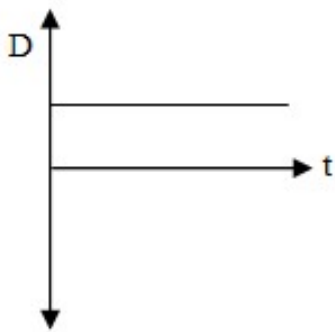
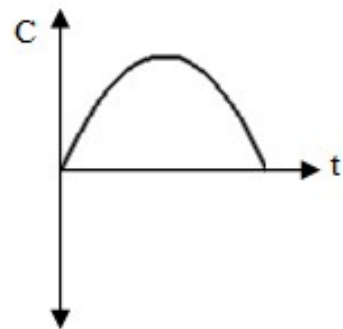
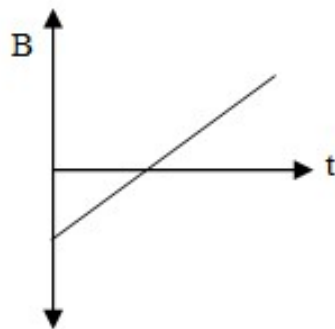
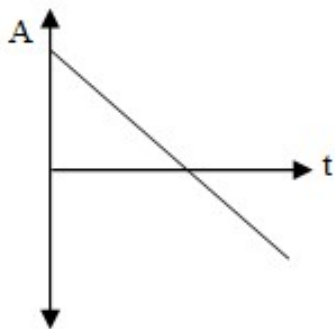
x. $y= -16 + 2e^{-kx}$

y. $y= 10x + 3x^2 + 4$

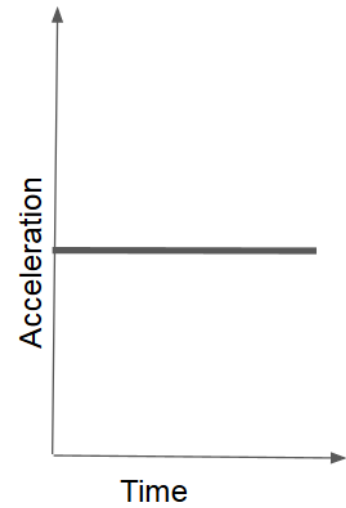
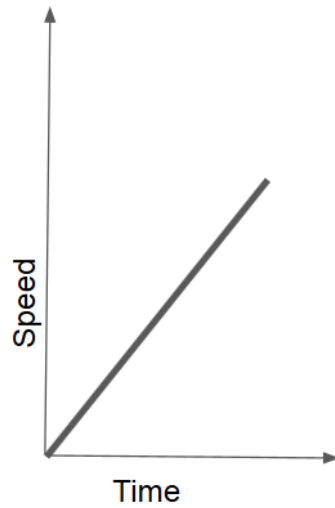
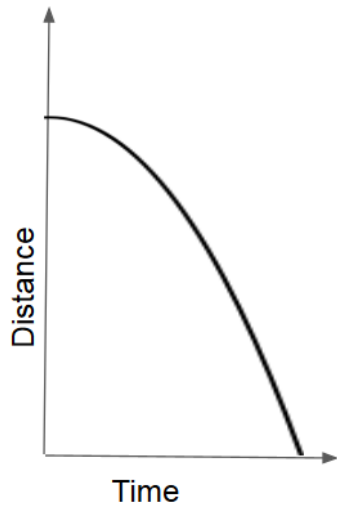
z. $x=10y + 10$

2. Make a suitable equation in the following questions with proper representation of X & Y axis. (Take necessary Value of interception as C as per the requirement)

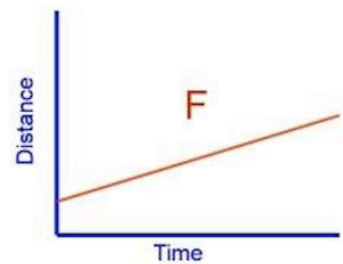
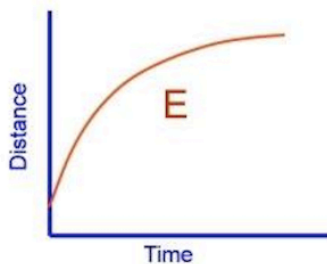
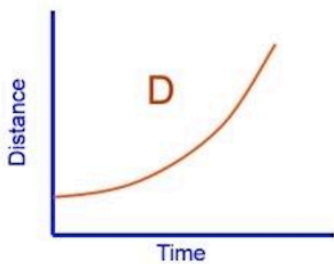
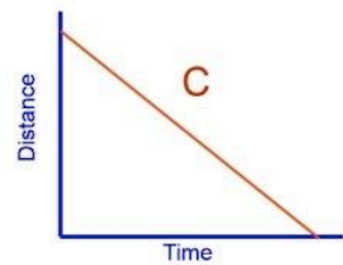
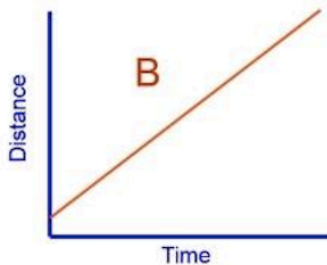
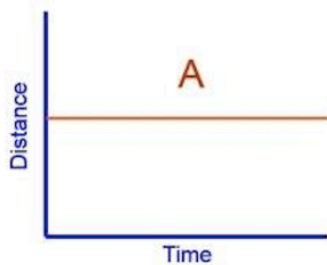
a) Make equations for all the 7 graphs:



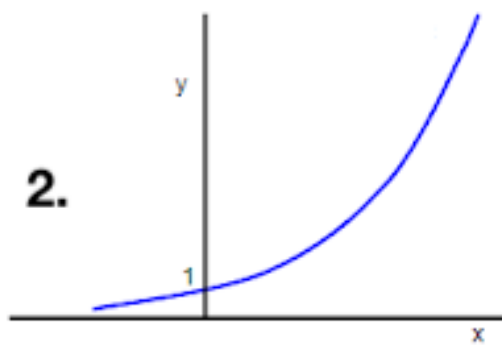
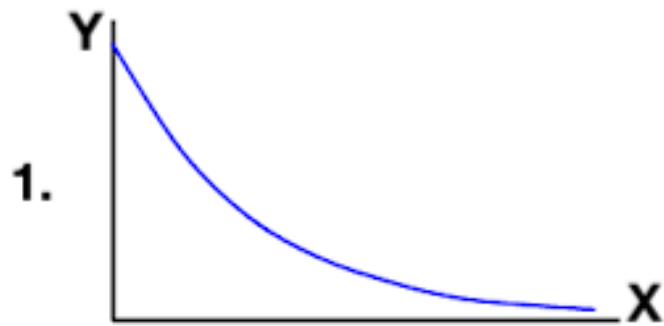
b) Make equations for all the 3 graphs:



c) Make equations for all 6 graphs:



d) Make equations for all the following graphs:



e) Make equations for all the following graphs:

