**1- Solve following equations using MATLAB and send your output here. (Output could be a screen shot or MATLAB file):
a) x-14=-2y-3z
b) 40-4x=6y+8z
c) x+3y+7z-28=0**

>>W=[1 2 3;-4 -6 -8;1 3 7]

>> v=[14;-40;28]

>> A=W^-1\*v

>> x=A(1)

>> y=A(2)

>> z=A(3)



**2- Plot following function in MATLAB and send your output here. (Output could be a screen shot or MATLAB file):
Y = X . COS(X) . SIN(X)
Don't forget to have title as " f(X) = X . COS(X) . SIN(X) " and label for X and Y axis**

x= linspace (-30, 30)

y=x.\*cos(x).\*sin(x);

plot(x,y);

title('f(X)=X\*SIN(X)\*COS(X)');

xlabel('X-axis');

ylabel('Y-axis');

