**Flores Salgado Getsemani 4AV1**

x=[280 560 1000 1200 1500 1700]

y=[32.7, 45.4, 52.15, 53.9, 52.9, 50.3]

plot(x,y,"\*")

n=6

SX=sum(x)

SY=sum(y)

SXX=sum(x.^2)

SXY=sum(x.\*y)

A=[n SX SY; SX SXX SXY]

A(1,:)=A(1,:)/A(1,1);

A(2,:)=A(2,:)-A(1,:)\*A(2,1)

A(2,:)=A(2,:)/A(2,2);

A(1,:)=A(1,:)-A(2,:)\*A(1,2)

a0=A(1,3)

a1=A(2,3)

f=@(x)+a0+a1\*x

X=min(x)-1:0.1:max(x)+1

Y=f(x)

hold on

plot(X,Y)

