Y = mx+b

400 = 6.1m +b

230 = 3.1m +b

0 = 0.1m +b

(Y-b)/x =m

Y1 = ((Y2-b)/X2)X1 +b

Y1-X1M =b

Y2 = X2M +Y1-X1M

Y2 -Y1 = X2M -X1M

Y2 -Y1 = M(X2-X1)

(Y2 -Y1)/(X2-X1) =M

(400 -230) / (6.1-3.1) = 56.67

M=56.67

B=24.32

Y = 56.67X4.9 +24.32

