Lab M5 data sheet
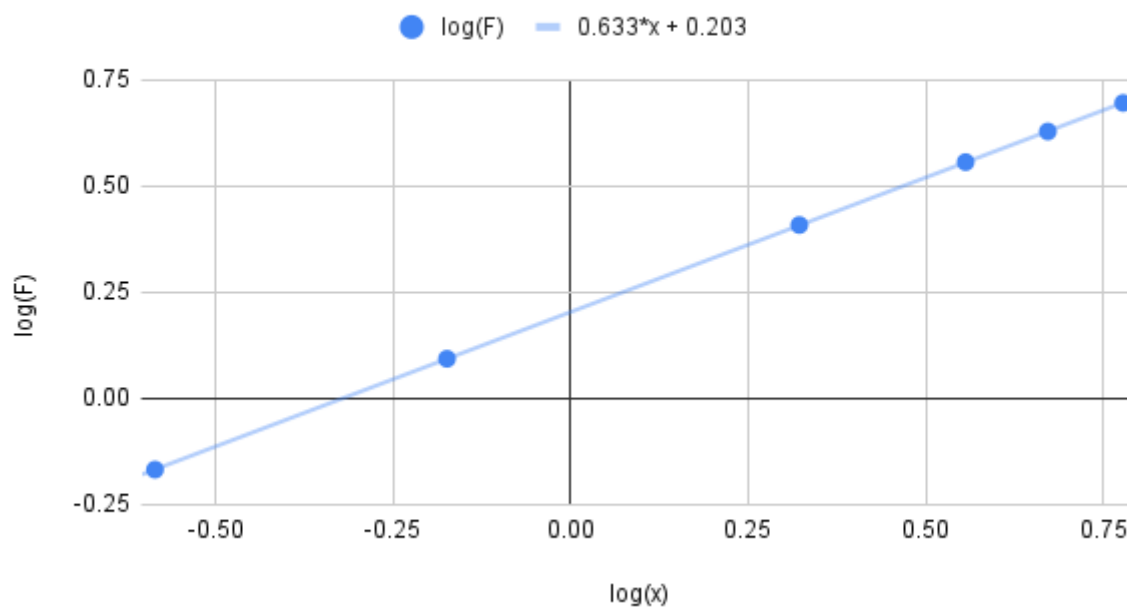
Part I

Log-log card data sheet unknown: 523

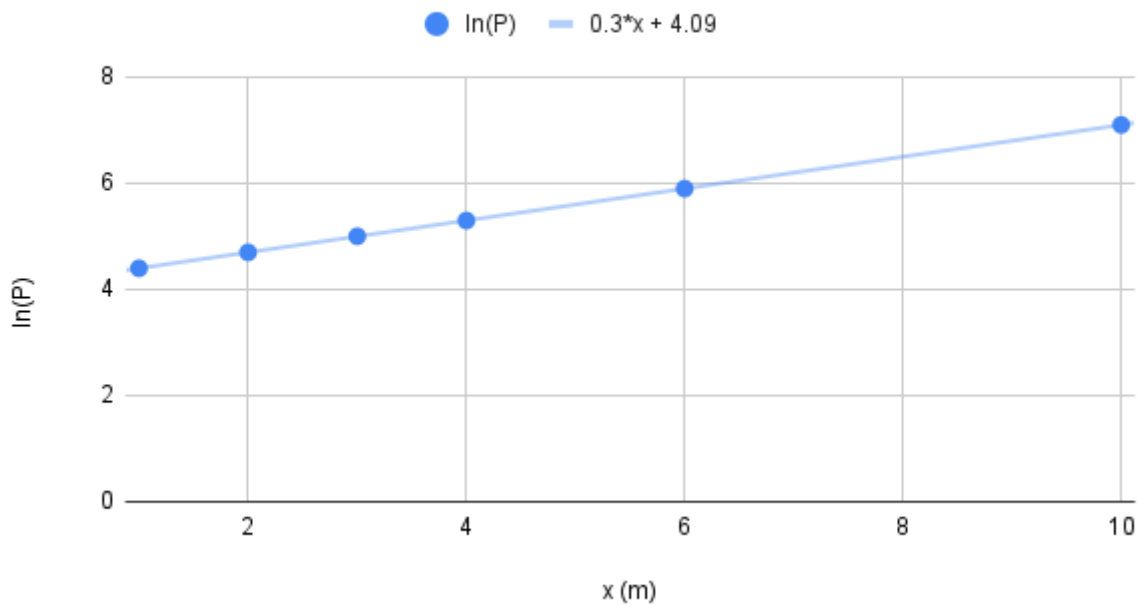Value of power: 0.633

Value of coefficient : 1.6 N/m$^{.633}$

Part II

Semilog card data sheet unknown: 502 Value of "k" (in front of independent variable – include units): 0.3 m^{-1}

Value of coefficient (include units): 59.7 watts

ln(P) vs. x (m)

Part III

Value of power: .3

Value of coefficient (including units): 0.196 sec/cm$^{.3}$

That doesn't sound right to me but I'm at a loss. What I counted was time so seconds makes sense but what's a second/cm : /

log(p) vs. log(l)