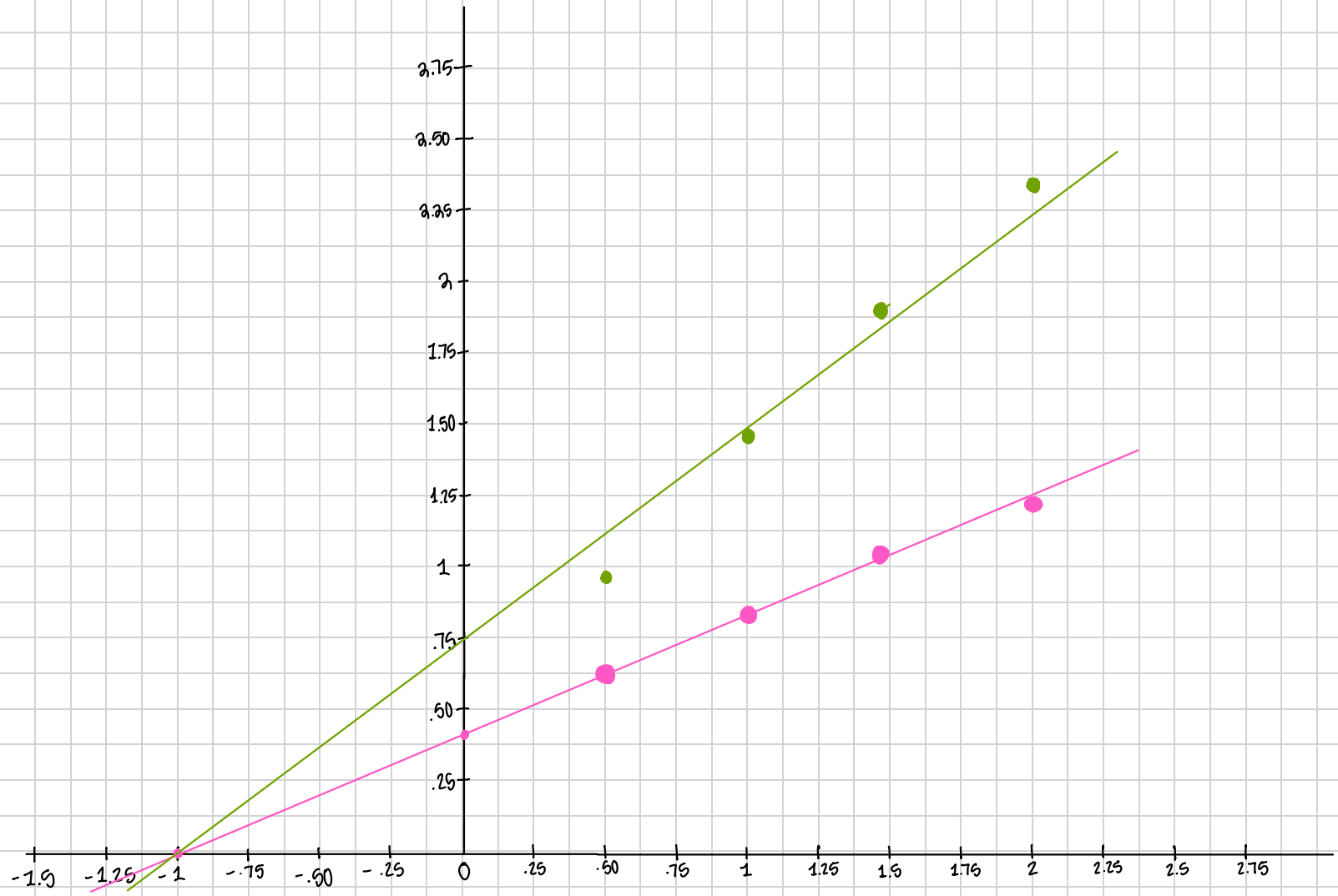

experiment 1

[S] μmol/L	Velocity (Δoptical density/hr)
x-int. ↓	y-int. ↓
1/0.5 = 2	1/0.81 = 1.23
1/.67 = 1.49	1/0.95 = 1.05
1/1 = 1	1/1.25 = 0.80
1/2 = 0.5	1/1.61 = .621
Km = 1	1/2.5 = 0.4
-1/1 = -1	↓ Vmax

experiment 2

[S] μmol/L	Velocity (Δoptical density/hr)
x-int. ↓	y-int. ↓
1/0.5 = 2	1/0.42 = 2.38
1/.67 = 1.49	1/0.53 = 1.89
1/1 = 1	1/0.71 = 1.41
1/2 = 0.5	1/1.08 = .93
-1/km = -1	1/1.42 = .704
Km = 1	↑ Vmax ↑ This is NOT your Vmax! This is your Y-intercept