

Materials Regression

Student Name:

Student Number:

=nnnnX₁X₂X₃X₄X₅

Radiation Degradation through Two Metals

Material Thickness	Counts	
x	Al (min-1)	Pb (min-1)
0.1	713.X ₁ X ₂ X ₃ X ₄ X ₅	52.X ₅ X ₄ X ₃ X ₂ X ₁
0.11	701.X ₁ X ₂ X ₃ X ₄ X ₅	50.X ₅ X ₄ X ₃ X ₂ X ₁
0.12	625.24326	42.99745
0.13	597.09606	39.55049
0.14	588.15898	37.52462
0.15	596.48781	36.65533
0.16	530.86444	31.42195
0.17	560.77554	31.97073
0.18	494.28225	27.14266
0.19	481.96814	25.49234
0.2	508.66526	25.91418
0.21	476.80263	23.39688
0.22	433.01744	20.46627
0.23	452.65068	20.60679
0.24	419.97702	18.41563
0.25	413.35328	17.45808
0.26	379.30506	15.43042
0.27	373.54918	14.63696
0.28	371.37140	14.01604
0.29	354.83409	12.89901
0.3	349.16996	12.22593
0.31	336.92448	11.36296
0.32	309.32648	10.04824
0.33	310.66111	9.72017
0.34	302.70502	9.12264
0.35	297.76071	8.64335
0.36	287.31816	8.03326
0.37	250.83785	6.75516
0.38	254.77989	6.60879
0.39	248.30314	6.20373
0.4	232.47839	5.59457
0.41	233.48145	5.41191
0.42	214.24941	4.78335
0.43	221.65469	4.76654
0.44	211.82465	4.38750
0.45	202.41147	4.03821
0.46	187.65352	3.60599
0.47	186.61550	3.45406
0.48	187.20236	3.33739
0.49	180.63712	3.10182

0.5

166.00203

2.74560