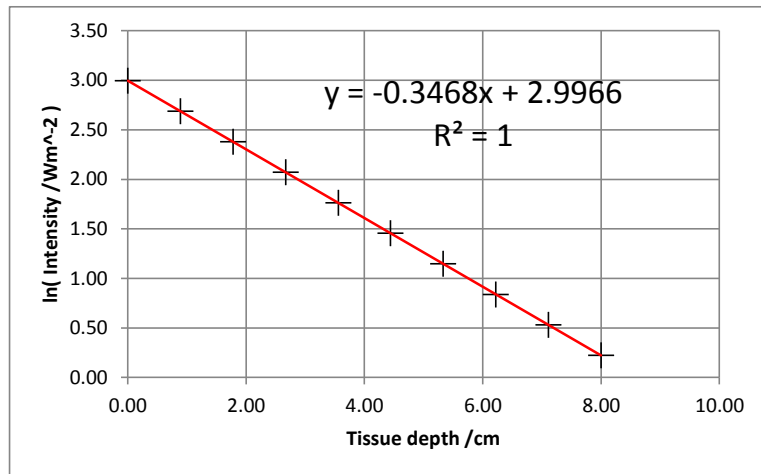


MEDICAL IMAGING QUESTION 5

Tissue depth x /cm	Intensity /Wm ⁻²	ln(I)
0.00	20.00	3.00
0.89	14.70	2.69
1.78	10.80	2.38
2.67	7.94	2.07
3.56	5.83	1.76
4.44	4.29	1.46
5.33	3.15	1.15
6.22	2.31	0.84
7.11	1.70	0.53
8.00	1.25	0.22

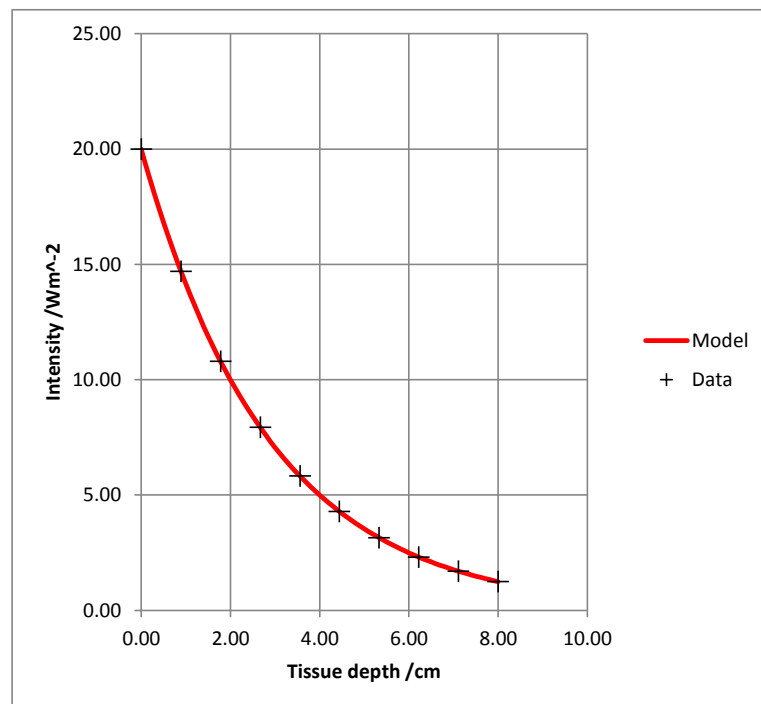


HALF VALUE THICKNESS /cm:

2.00

MODEL:

Tissue depth x /cm	Intensity /Wm ⁻²
0.00	20.00
0.10	19.32
0.20	18.66
0.30	18.02
0.40	17.41
0.50	16.82
0.60	16.24
0.70	15.69
0.80	15.15
0.90	14.64
1.00	14.14
1.10	13.66
1.20	13.19
1.30	12.74
1.40	12.31
1.50	11.89
1.60	11.48
1.70	11.09
1.80	10.71
1.90	10.35
2.00	10.00
2.10	9.65
2.20	9.33
2.30	9.01
2.40	8.70
2.50	8.40
2.60	8.12
2.70	7.84
2.80	7.57
2.90	7.32
3.00	7.07
3.10	6.83
3.20	6.59
3.30	6.37
3.40	6.15
3.50	5.94
3.60	5.74
3.70	5.54



3.80	5.35
3.90	5.17
4.00	5.00
4.10	4.83
4.20	4.66
4.30	4.50
4.40	4.35
4.50	4.20
4.60	4.06
4.70	3.92
4.80	3.79
4.90	3.66
5.00	3.53
5.10	3.41
5.20	3.29
5.30	3.18
5.40	3.07
5.50	2.97
5.60	2.87
5.70	2.77
5.80	2.68
5.90	2.58
6.00	2.50
6.10	2.41
6.20	2.33
6.30	2.25
6.40	2.17
6.50	2.10
6.60	2.03
6.70	1.96
6.80	1.89
6.90	1.83
7.00	1.76
7.10	1.70
7.20	1.65
7.30	1.59
7.40	1.54
7.50	1.48
7.60	1.43
7.70	1.38
7.80	1.34
7.90	1.29
8.00	1.25