

Experiment Name: To determine the specific heat of a liquid by the method of cooling.

Experimental Data:

Table: Time - Temperature record.

No. of. observations	Time (min)	Temperature ($^{\circ}\text{C}$)	
		Water	Liquid
1.	0	65	68
2.	1	63	65
3.	2	62	64
4.	3	61	63
5.	4	60	61
6.	5	59	60
7.	6	58	59
8.	7	57	58
9.	8	56	57
10.	9	55.5	56
11.	10	55	55
12.	12	54	53.5
13.	14	52	52

14.	16	51	50
15.	18	50	49
16.	20	49	47.5
17.	22	48	46.5
18.	24	47	45.5
19.	26	46.5	44.5
20.	28	45.5	44
21.	30	45	43
22.	33	43.5	41.5
23.	36	42.542	40.5
24.	39	41	39.5
25.	42	40.5	38
26.	45	40	37
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