Proportionality

Force /N	Length /cm
1	14.6
2	17.9
3	21.2
4	24.5
5	27.7

Force /N	Extension /cm
0.2	0.6
0.4	1.2
0.6	2.1
0.8	2.7
1.0	3.3

Resistance /Ω	Current /A
10	81
20	47
30	34
40	26
50	21

Temperature /°C	Resistance /kΩ
45	4.9
41	5.6
36	6.7
33	7.4
29	8.5

Task 1: For each pair of variables, determine whether they are proportional, inversely proportional, or neither.

Task 2: Identify any anomolous data points.

Task 3: For the first three sets of data, determine the range and interval of the independent variables. (The independent variables are on the left in these tables.)

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