



Royal University of Phnom Penh

Lab 7

Name:

Heat Koemnak

Class:

M5

Data:

x	y	Predicted	Residual (\hat{y})
5	86	80.9451	5.0549
10	80	76.2747	3.7253
3	86	82.8132	3.1868
12	74	74.4066	-0.4066
9	78	77.2088	0.7912
11	73	75.3407	-2.3407
4	88	81.8791	6.1209
2	76	83.7473	-7.7473
7	80	79.0769	0.9231
6	80	80.011	-0.011
13	69	73.4725	-4.4725
8	78	78.1429	-0.1429
1	80	84.6813	-4.6813

Correlation(r):

-0.67

Least-square line:

$$\hat{y} = 85.62 - 0.93x$$

SSResid:

196.132

SSTo:

354.923

se:

4.223

