Homework – Diagnostics on the Least Squares Regression Line

1. Find the coefficient of determination and interpret the results:

x	y
3	20
6	27
9	38
12	45

2. Find the coefficient of determination and interpret the results:

x	y
1	32
2	25
3	7
4	45

3. Find the residual plot:

x	y
7	24
12	32
15	33
22	51
31	55
33	95