Data Presentation Task

Fish Biomass (kilograms per hectare)	Digital Reef Rugosity
1600	0.59
1625	0.68
1100	1.07
1390	0.77
1150	1.62
805	0.3
640	0.28
980	0.59
880	0.6
790	0.6
740	0.79
700	0.56
680	0.28
650	0.48
575	0.62
500	0.58
490	0.36
480	0.34
425	0.62
425	0.72
425	0.78
420	0.49
410	0.58
210	0.3
210	0.41
230	0.5
300	0.3
350	0.42
360	0.45
190	0.35

1. For the data above, construct a graph which shows the relationship between Digital Reef Rugosity (and therefore topographical complexity) and Fish Biomass. Use the 'Data Presentation Techniques' worksheet to decide on the most appropriate graph.

2. Again use the information on the 'Data Presentation Techniques' worksheet to choose the best graph to present the Mean Fish Abundance data for each dive site (below). Once you have decided on the best graph construct it.

Site	Mean Fish Abundance
1D	63000
1S	58000
12D	52000
12S	23500
13D	28000
13S	28000
16D	26000
16S	13000
2D	22000
2S	15000
4D	45000
4S	37500
5D	29950
5S	34000
6D	11500
6S	19900
7D	2000
7S	4000
8D	27000
8S	19975
9D	28000
9S	33000

Note: D and S indicate depth of data collection (S=Shallow water, D=Deep water)