

Constructing a frequency table with class intervals from raw data

1. A class of second year pupils had a test recently and the following marks were obtained:

32 43 23 18 36 21 9 45 45 32 33 46
7 12 24 20 32 11 48 21 37 42 42 41

Copy and complete this tally table for the above data.

Mark	Tally Marks	Number
1-10	//	2
11-20		4
21-30		4
31-40		6
41-50		8

[6]

2. A sample of 25 Christmas trees was selected and the heights of them measured. The results are shown here. [Measurements are in metres.]

1.3 2.4 1.5 3.3 1.1
2.1 2.2 2.7 1.7 2.3
1.5 2.4 1.1 4.0 2.6
3.5 3.3 2.8 1.0 2.7
4.1 3.2 1.9 3.8 2.7

Height	Tally	Frequency
1.0 - 1.4		4
1.5 - 1.9		4
2.0 - 2.4		4
2.5 - 2.9		6
3.0 - 3.4		3
3.5 - 3.9		2
4.0 - 4.4		2

Complete the table for the figures given.

[8]



[14 marks]