

Master Maths 9 Worksheet 82

Representing Data on Column Graphs

82

Name:

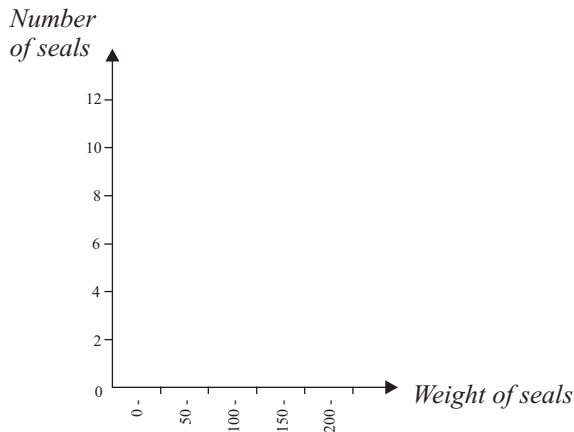
1. Scientists conducted research into the weight of seals on Lady Julia Percy Island. They weighed a number of seals and these weights (in kg) are shown below.

108 160 46 82 173 210 235 97
 95 146 140 167 35 138 108 185
 15 93 86 153 205 119 63 134
 119 178 136 39 138 20 123 223
 213 79 127 58 161 153 28 74

(a) Complete this tally sheet.

Weight (kg)	Tally	Frequency
0 -		
50 -		
100 -		
150 -		
200 -		
Total		

(b) Complete the column graph below.



(c) What percentage of the seals weighed were in each weight range?

Weight (kg)	Percentage
0 -	
50 -	
100 -	
150 -	
200 -	

2. The scientists also tagged a number of mutton birds. The number of mutton birds tagged on each day is shown below.

16 15 5 17 25 32 45 58 21 9
 26 18 29 11 28 21 22 17 33 41
 19 42 31 31 33 28 39 27 34 20
 35 44 50 51 22 38 25 36 28 38

(a) Complete this tally sheet.

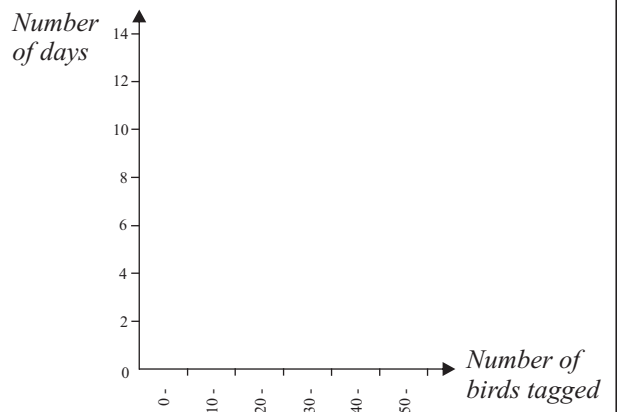
Number tagged	Tally	Frequency
0 -		
10 -		
20 -		
30 -		
40 -		
50 -		
Total		

(b) On how *many days* did the scientists tag mutton birds?

(c) How *many mutton birds* were tagged?

(d) What was the *average number* tagged per day?

(e) Complete the column graph below.



(f) If there were twice as many scientists and they worked for 80 days, approximately how many mutton birds would you expect to be tagged?