

Master Maths 10 Worksheet 69

Mean, Mode and Median 2

69

Name: _____

The lengths of a number of fish (in cm) are shown below.

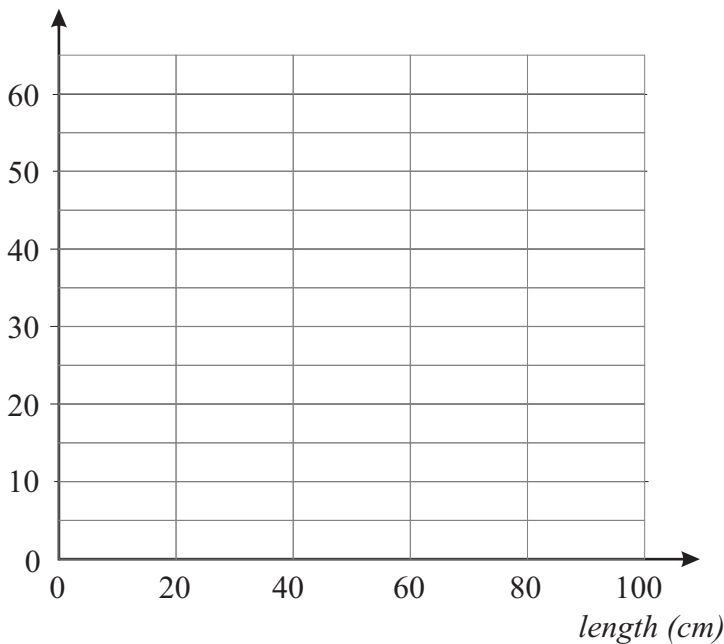
1. Complete the frequency table below.
2. Calculate the mean length from the frequency table.
3. Calculate the mean length from the raw data.
4. Find the modal class.
5. Use the axes shown to draw the cumulative frequency graph.
6. Find an approximate value of the median from the cumulative frequency graph.

15 55 19 54 19 63 21 23 28 74 30 35 70 37 39 40 85 42 54 46 54 46 84 49 17 67 49 50 52 89 90 14
52 43 53 44 56 57 23 58 60 18 61 62 64 66 45 66 33 68 42 69 73 26 65 27 55 78 65 80 82 82 22 83

Length

<i>Class Interval (cm)</i>	<i>Midpoint x</i>	<i>Frequency f</i>	$x \times f$	<i>Cumulative Frequency</i>
0-<20				
20-<40				
40-<60				
60-<80				
80-<100				

cumulative frequency



mean from frequency table

mean from raw data

modal class

median