

# Maths Workout - Statistics & Probability

<b>Topic 16 - Histograms</b>				
<b>Target 1</b>	<b>Target 2</b>	<b>Target 3</b>	<b>Target 4</b>	<b>Target 5</b>
<i>Understand and calculate frequency density</i>	<i>Construct a histogram</i>	<i>Read and interpret a histogram</i>	<i>Read and interpret a histogram</i> <i>Estimate the mean from a histogram</i>	<i>Construct, read and interpret histograms displaying age and rounded continuous data</i>
1. Calculate frequency density from a grouped frequency table	1. Construct a histogram	1. Demo: Read a histogram: equal width columns	1. Demo: Read a histogram: multiple column query	1. Demo: Understand class intervals when displaying age
2. Calculate frequency density from a grouped frequency table	2. Construct a histogram	2. Read a histogram: equal width columns: single column query	2. Read a histogram: multiple column query	2. Calculate frequency density from age data
3. Calculate with frequency, frequency density and interval width	3. Construct a histogram	3. Read a histogram: equal width columns: single column query	3. Read a histogram: multiple column query	3. Construct a histogram displaying age
4. Calculate with frequency, frequency density and interval width	4. Construct a histogram	4. Complete a frequency table from a histogram: equal width columns	4. Read a histogram: calculate the total frequency	4. Construct a histogram displaying age
5. Calculate with frequency, frequency density and interval width	5. Construct a histogram	5. Demo: Read a histogram: unequal width columns	5. Read a histogram: calculate the total frequency	5. Construct a histogram displaying age
	6. Construct a histogram	6. Read a histogram: unequal width columns: single column query	6. Read a histogram: estimate the mean	6. Read a histogram displaying age: single column query
	7. Construct a histogram	7. Read a histogram: unequal width columns: single column query	7. Read a histogram: estimate the mean	7. Read a histogram displaying age: multiple column query
	8. Construct a histogram	8. Complete a frequency table from a histogram: unequal width columns	8. Demo: Estimate frequency in a histogram: partial column query	8. Demo: Understand class intervals when displaying rounded continuous data
	9. Construct a histogram		9. Estimate frequency in a histogram: partial column query	9. Calculate frequency density from rounded continuous data
	10. Construct a histogram		10. Estimate frequency in a histogram: multiple and partial column query	10. Construct a histogram displaying rounded continuous data
	11. Construct a histogram			11. Read a histogram displaying rounded continuous data: single column query
	12. Construct a histogram			12. Read a histogram displaying rounded continuous data: multiple column query