

Maths Workout - Statistics & Probability

Topic 18 - Measures of Spread 2				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Calculate cumulative frequency Plot a cumulative frequency curve</i>	<i>Estimate the median and interquartile range from a cumulative frequency curve</i>	<i>Interpret a cumulative frequency curve</i>	<i>Construct a box plot from grouped data</i>	<i>Compare box plots</i>
1. Demo: Calculate cumulative frequency	1. Demo: Estimate the median and interquartile range from a cumulative frequency curve	1. Interpret a cumulative frequency curve, reading from the vertical axis to the horizontal axis	1. Demo: Construct a box plot from grouped data	1. Compare horizontal box plots: identify a correct statement
2. Speed response: Calculate cumulative frequency	2. Estimate the median and interquartile range from a cumulative frequency curve	2. Interpret a cumulative frequency curve, reading from the vertical axis to the horizontal axis	2. Construct a box plot from grouped data	2. Compare horizontal box plots: identify a correct statement
3. Enrichment: Calculate frequency from cumulative frequency	3. Estimate the median and interquartile range from a cumulative frequency curve	3. Interpret a cumulative frequency curve, reading from 2 points on the vertical axis to the horizontal axis	3. Construct a box plot from grouped data	3. Compare horizontal box plots: identify a correct statement
4. Demo: Understand the meaning of cumulative frequency	4. Estimate the median and interquartile range from a cumulative frequency curve	4. Interpret a cumulative frequency curve, reading from 2 points on the vertical axis to the horizontal axis	4. Construct a box plot from grouped data	4. Compare horizontal box plots: identify two correct statements
5. Plot the points for a cumulative frequency curve	5. Estimate the median and interquartile range from a cumulative frequency curve	5. Interpret a cumulative frequency curve, reading from the horizontal axis to the vertical axis	5. Construct a box plot from grouped data	5. Compare vertical box plots: identify a correct statement
6. Plot the points for a cumulative frequency curve	6. Estimate the median and interquartile range from a cumulative frequency curve	6. Interpret a cumulative frequency curve, reading from the horizontal axis to the vertical axis	6. Construct a box plot from grouped data	6. Compare vertical box plots: identify a correct statement
7. Plot the points for a cumulative frequency curve	7. Estimate the median and interquartile range from a cumulative frequency curve	7. Interpret a cumulative frequency curve, reading from the horizontal axis to the vertical axis	7. Construct a box plot from grouped data with the cumulative frequency chart on the same scale	7. Compare vertical box plots: identify a correct statement
8. Plot the points for a cumulative frequency curve	8. Estimate the median and interquartile range from a cumulative frequency curve	8. Interpret a cumulative frequency curve, reading from the either axis using percentages	8. Construct a box plot from grouped data with the cumulative frequency chart on the same scale	8. Compare vertical box plots: identify two correct statements
9. Plot the points for a cumulative frequency curve	9. Estimate the median and interquartile range from a cumulative frequency curve		9. Construct a box plot from grouped data with the cumulative frequency chart on the same scale	
10. Plot the points for a cumulative frequency curve	10. Estimate the median and interquartile range from a cumulative frequency curve		10. Demo: Understand how a steep ogive leads to a narrow box plot	
11. Plot the points for a cumulative frequency curve				
12. Plot the points for a cumulative frequency curve				