

Numeracy Workout - Statistics & Probability

Topic 8 - Mean, Median, Mode & Range				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Identify the mode of a raw data set</i>	<i>Calculate the range of a raw data set</i>	<i>Work out the median of a raw data set</i>	<i>Calculate the mean of a raw data set</i>	<i>Solve questions on mean, median, mode and range in context</i>
1. Know the 3 types of average	1. Calculate the range of a small set of sorted data	1. Identify the median of a small sorted data set: median highlighted: odd number of data items	1. Demonstration: Know how to calculate the mean of a raw data set	1. Sort a raw data set, then calculate the mean, median and mode: calculator provided
2. Identify the mode of a small set of raw data set by inspection	2. Calculate the range of a small set of raw data by inspection	2. Identify the median of a small sorted data set: odd number of data items	2. Calculate the mean of a small raw data set (up to 5 items): whole answers: calculator provided	2. Calculate the mean, median, mode and range of a data set in context
3. Identify the mode of a small set of raw data set by inspection	3. Calculate the range of a small set of raw data (10 items), through sorting	3. Identify the median of a small raw data set by sorting: odd number of data items	3. Calculate the mean of a small raw data set (up to 5 items): decimal answers: calculator provided	3. Calculate the mean, median, mode and range of a data set in context
4. Identify the mode of a small set of raw data set by ordering	4. Calculate the range of a small set of raw data (10 items), through sorting	4. Demonstration: Know how to calculate the median of a data set with an even number of data items	4. Calculate the mean of a small raw data set (up to 8 items): decimal answers: calculator provided	4. Calculate the mean, median, mode and range of a data set in context
5. Identify the mode of a small set of raw data set by ordering	5. Calculate the range of a small set of raw data (15 items), through sorting	5. Calculate the median of a small raw data set by sorting: even number of data items: middle 2 data items highlighted: calculator provided	5. Calculate the mean of a small raw data set (up to 9 items): decimal answers: calculator provided	5. Calculate a missing data item, given the mean and the total or the other data items
6. Identify the mode of a small set of raw data set by ordering		6. Calculate the median of a small raw data set by sorting: even number of data items: calculator provided		6. Calculate an average and a data item, given the range and the other data items