## Fractions and Percentage Change:

| Objective | Sparx Task |  |
| :--- | :---: | :---: |
| Change a fraction to a recurring decimal | M922 |  |
| Change a recurring decimal into a fraction | U689 |  |
| Calculate percentage increase and decrease using <br> multiplier | M533 |  |
| Reverse percentage - Calculate $100 \%$ given a <br> percentage increase or decrease | M528 |  |
| Calculate percentage change | M533 |  |
| Repeated percentage change | M533 |  |

## Statistics:

| Objective | Sparx Task |  |
| :--- | :---: | :---: |
| Sample and bias | M493 |  |
| Displaying data in two way tables | M899 |  |
| Comparison and composite bar charts | M460, M738 |  |
| Drawing pie charts | M574 |  |
| Interpreting pie charts | M165 |  |
| Frequency polygons | U840 |  |
| Time series Graphs |  |  |
| Mean, mode and range from discrete data | M94, M841, |  |
|  | M328 |  |
| Adjust the mean when data is added or taken away | U717 |  |
| Compare averages and range from two sets of data | U717 |  |
| Find missing data given the averages and range | U717 |  |
| Mean from a frequency table (discrete data) | U981 |  |
| Mean from a frequency table (grouped data) | U312 |  |
| Averages from Charts | M127 |  |
| Scatter graphs | M769, M596 |  |
| Understand what range is in terms of spread of data | M328 |  |


| Understand how to calculate interquartile range from <br> a list of data (simple) |  |  |
| :--- | :--- | :--- |
| Interpret a boxplot |  |  |
| Draw a boxplot |  |  |
| Compare boxplots |  |  |

