# M1.6 – Understand the terms mean, mode and median

### Quiz

Plants were grown in both the sun and the shade and height measurements taken. Calculate the mean, mode and median for each set of data.

|  |  |
| --- | --- |
| **Height in sun (cm)** | **Height in shade (cm)** |
| 244 | 104 |
| 265 | 83 |
| 312 | 131 |
| 199 | 99 |
| 278 | 118 |
| 345 | 150 |
| 236 | 162 |
| 197 | 118 |
| 266 | 146 |
| 237 | 128 |

|  |  |  |
| --- | --- | --- |
|  | **Height in sun (cm)** | **Height in shade (cm)** |
| **Mean** |  |  |
| **Mode** |  |  |
| **Median** |  |  |

Numbers of mucus-secreting goblet cells were counted per colonic intestinal crypt in patients with Crohn’s disease and healthy patients. Calculate the mean, mode and median for each set of data.

|  |  |
| --- | --- |
| **Number of goblet cells – Crohn’s disease patients** | **Number of goblet cells – Healthy patients** |
| 9 | 15 |
| 11 | 12 |
| 7 | 14 |
| 15 | 9 |
| 10 | 11 |
| 8 | 13 |
| 7 | 12 |
| 12 | 10 |
| 13 | 16 |
| 7 | 11 |

|  |  |  |
| --- | --- | --- |
|  | **Crohn’s disease patients** | **Healthy patients** |
| **Mean** |  |  |
| **Mode** |  |  |
| **Median** |  |  |

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