**Mean Mode Median**

## Mean

## Median

,

## Mode

## Example - MMM

|  |  |
| --- | --- |
| 1 |  |
| 2 |  |
| 3 |  |

## Standard Deviation

Set A

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| 3 | -4 | 16 | 9 |
| 3 | -4 | 16 | 9 |
| 5 | -2 | 4 | 25 |
| 7 | 0 | 0 | 49 |
| 8 | 1 | 1 | 64 |
| 9 | 2 | 4 | 81 |
| 9 | 2 | 4 | 81 |
| 12 | 5 | 25 | 144 |
|  |  |  |  |

Set B

|  |  |
| --- | --- |
|  |  |
| 0 | 0 |
| 1 | 1 |
| 1 | 1 |
| 1 | 1 |
| 4 | 16 |
| 11 | 121 |
| 15 | 225 |
| 23 | 529 |
|  |  |

## Standard Deviation for a Frequency Distribution

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No. of People | 1 | 2 | 3 | 4 | 5 | 6 |
| No. of Units | 20 | 35 | 40 | 55 | 91 | 59 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| 1 | 20 | 20 | -3.13 | 9.796 | 195.938 |
| 2 | 35 | 70 | -2.13 | 4.5368 | 159.7915 |
| 3 | 40 | 120 | -1.13 | 1.276 | 51.076 |
| 4 | 55 | 220 | -0.13 | 0.0169 | 0.9295 |
| 5 | 91 | 455 | 0.87 | 0.7569 | 68.8779 |
| 6 | 59 | 354 | 1.87 | 3.4969 | 206.3171 |
|  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| 1 | 20 | 20 | 40 |
| 2 | 35 | 70 | 140 |
| 3 | 40 | 120 | 360 |
| 4 | 55 | 220 | 880 |
| 5 | 91 | 455 | 2275 |
| 6 | 59 | 354 | 2124 |
|  |  |  |  |