The Things They Carried by Tim O’Brien

|  |  |  |
| --- | --- | --- |
| List of prices | | |
| 2.96  3.37  3.68  3.69  4.48  4.95  5.10  5.70  6.21  6.99 | 7.24  7.45  7.48  8.15  8.85  9.47  10.00  11.99  12.59  12.97 | 13.00  14.75  14.99  15.50  15.75  16.00  16.95  18.50  19.95  20.00 |

Mean = 10.131

Standard deviation = 5.156

mean = 9.106

squared differences

|  |  |  |
| --- | --- | --- |
| Squared Differences | | |
| 37.773316  32.901696  29.441476  29.333056  28.472896  21.399876  17.272336  16.048036  11.600836  8.386816 | 3.481956  2.742336  2.643876  2.611456  0.913936  0.065536  0.132496  0.163216  5.683456  8.317456 | 13.138256  13.138256  13.138256  14.930496  31.854736  32.08096  34.152336  34.152336  34.621456  34.621456 |

Total sum = 515.214604

Mean of Squared Differences = 17.1738201333

Sqrt(17.1738201333) = 4.144133080552

Standard Deviation = 4.203

Five number summary

Minimum: 2.96

First quartile: 5.7

Median= 9.16

Third quartile: 14.75

Maximum: 20

Mean: 10.131

Standard deviation: 5.156

1 sd from mean = (10.131 – 5.156, 10.131 + 5.156) = (4.975,15.287)

18/30 = .6 = %60

2 sd from mean = (10.131 – 10.312, 10.131 + 10.312 ) = (-.181 , 20.443)

30/30 = %100

3 sd from mean = (10.131 – 15.468, 10.131 + 15.468) = (-5.337 , 25.599)

30/30 = %100

Frequency Table

|  |  |  |
| --- | --- | --- |
| Possible Value | Tally | Frequency |
| 0 – 3 | I | 1 |
| 3 – 6 | IIII II | 7 |
| 6 – 9 | IIII III | 8 |
| 9 – 12 | III | 3 |
| 12 – 15 | IIII | 5 |
| 15-18 | III | 3 |
| 18-21 | III | 3 |
|  | 30 | 30 |

Relative Frequency Table

|  |  |  |
| --- | --- | --- |
| Possible Value | Frequency | Relative Frequency |
| 0 – 3 | 1 | .033 |
| 3 – 6 | 7 | .233 |
| 6 – 9 | 8 | .267 |
| 9 – 12 | 3 | .1 |
| 12 – 15 | 5 | .167 |
| 15-18 | 3 | .1 |

|  |  |  |
| --- | --- | --- |
| 18-21 | 3 | .1 |
|  | n = 30 |  |

|  |  |  |
| --- | --- | --- |
| List of prices | | |
| 2.96  3.37  3.68  3.69  4.48  4.95  5.10  5.70  6.21  6.99 | 7.24  7.45  7.48  8.15  8.85  8.89  9.47  10.00  11.99  12.97 | 12.59  12.59  14.75  14.99  15.50  15.75  16.00  18.50  19.95  20.00 |

Price categories: 0-3…3-6…6-9…9-12…12-15

Total sum= 273.17