MAT150.5 Statistics Assignment #3

[www.helpyourmath.com/150.5](http://www.helpyourmath.com/150.5)

1. The heights (in inches) of the players on a professional basketball team are shown as follows: 74 78 81 87 81 80 77 80 85 78 80 83 75 81 73
2. Find the sum of the data entries.
3. Divide the sum by the number of data entries. What is the mean height?
4. The ages of a sample of fans at a rock concert are listed.

24 27 19 21 18 23 21 20 19 33 30 29 21 18 24 26 38 19 35 34

1. 30 21 27

1. What is the mean age?
2. Order the data entries.
3. Find the median data entry.
4. The prices (in dollars) of a sample of digital photo frames are listed. Find the median price of the digital photo frames.

70 10 50 130 80 100 50 120 100 70

1. Find the range of the starting salaries for Corporation B.

Starting Salaries for Corporation B (in thousands of dollars)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Salary | 40 | 23 | 41 | 50 | 49 | 32 | 41 | 29 | 52 | 58 |

 a. Identify the minimum and maximum salaries.

b. Find the range.

1. Find the mean, median, mode, and range for each list of values:

 a. 2, 7, 5, 11

 b. 13, 18, 14, 13, 15, 13, 19

 c. 11, 5, 18, 11, 17, 5, 20, 4