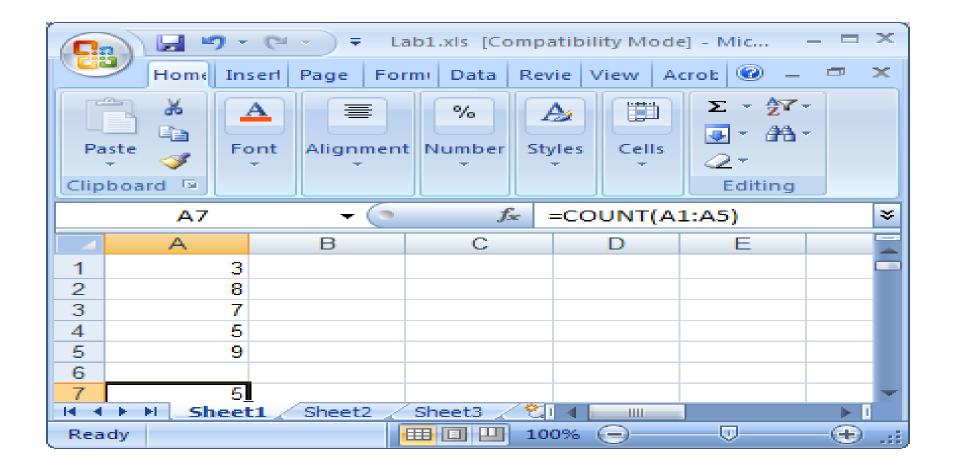# Some Excel Formulae - 1

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Peter R. Douglass
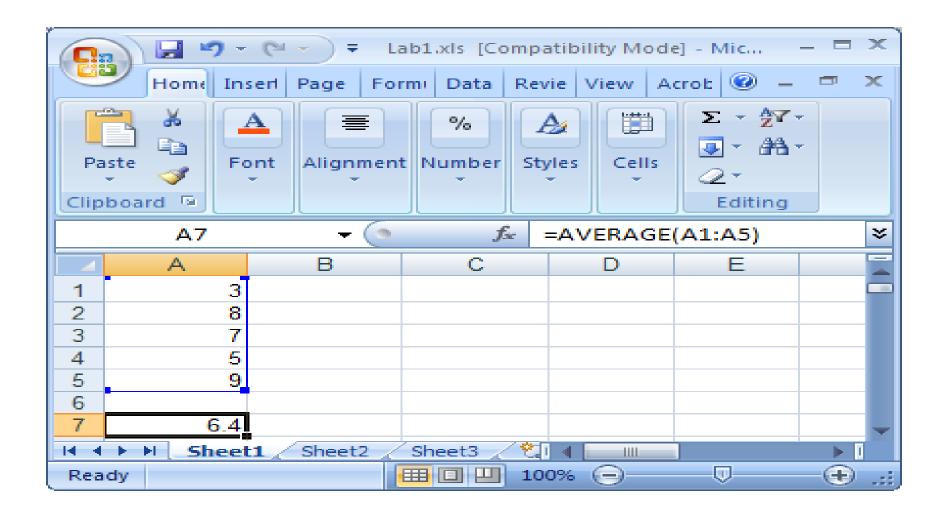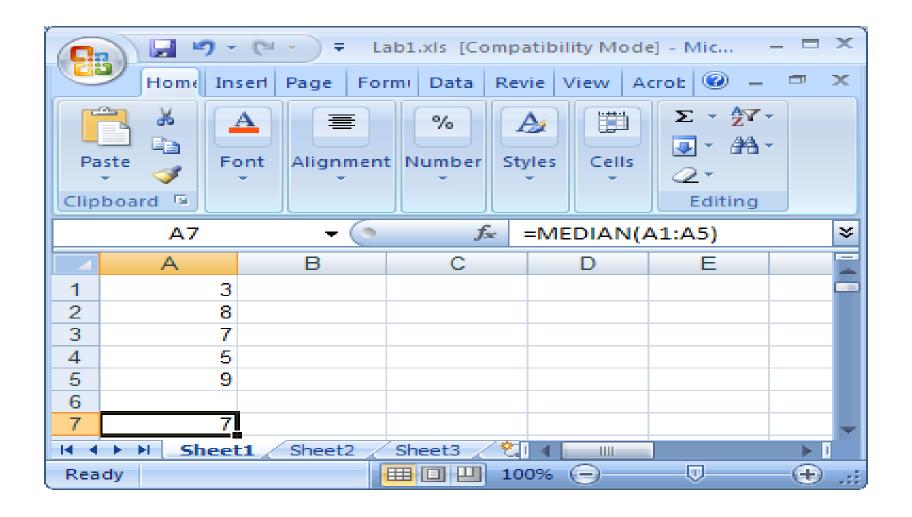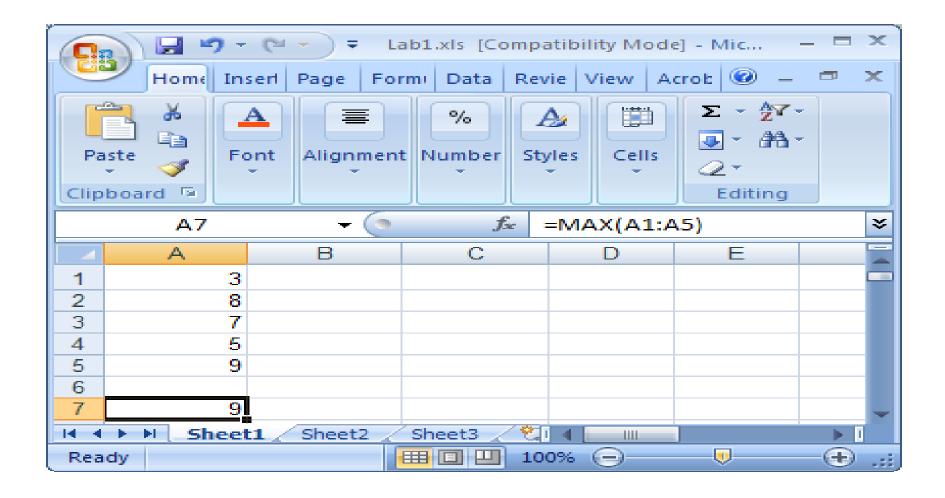
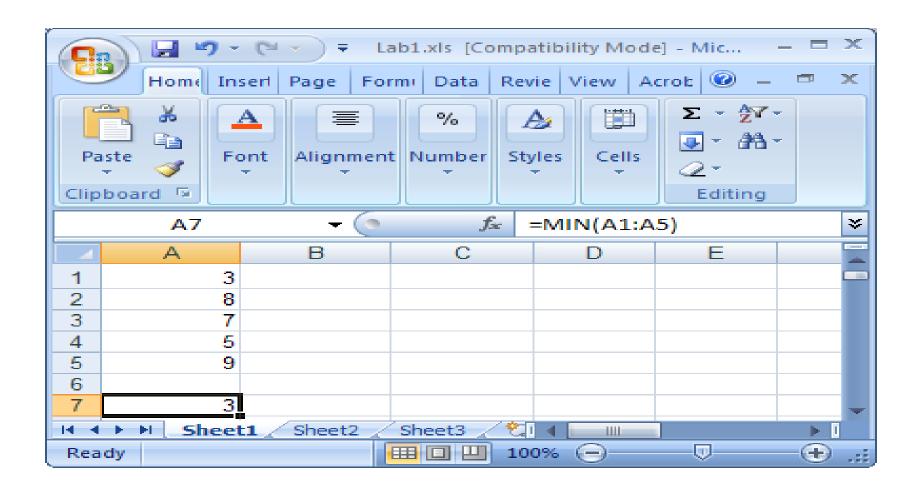# Count

Sum

Average (mean)

Median

Median -- Comment

The median is calculated as follows:

- Sort the values in a set of data in ascending order,

- If there is an odd number of values, the middle value in the sorted list is the median,

- If there is an even number of values, the mean (average) of the middle 2 values is the median.
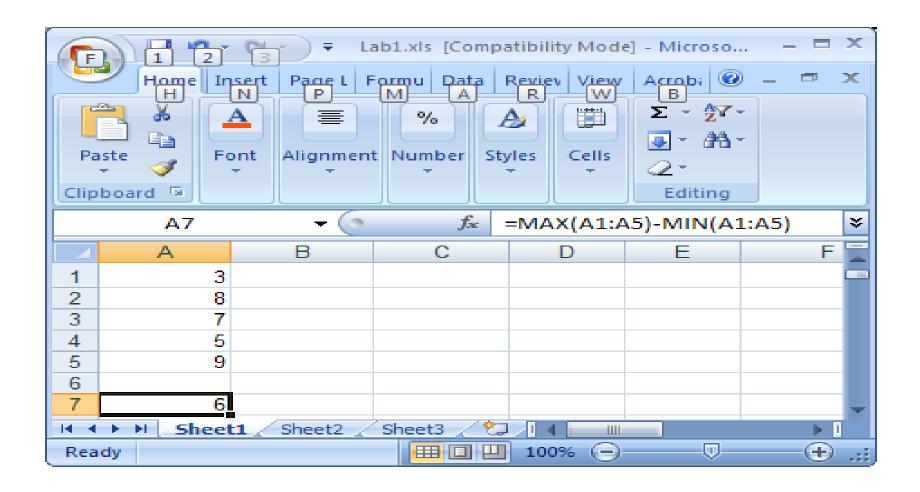
maximum

minimum

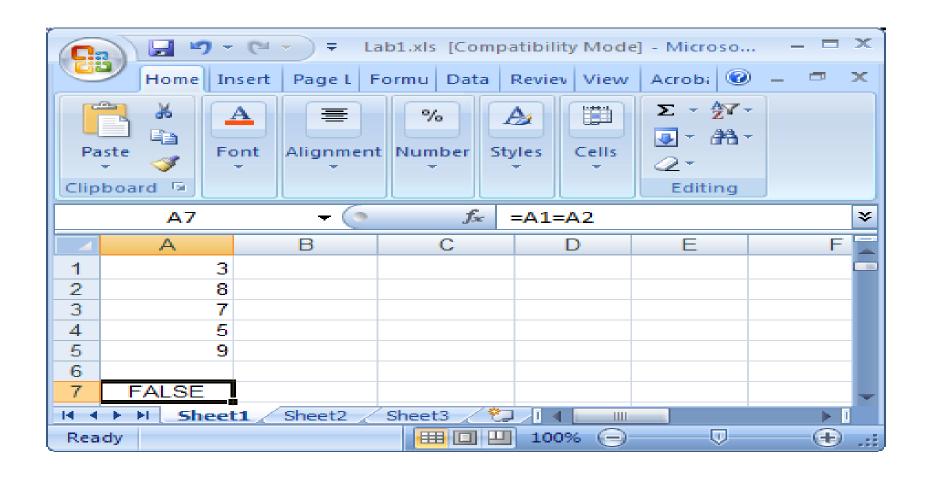# range

Range -- Comment

- In the previous slide, the range of a set of data was calculated using a formula that contained both the maximum and minimum.

- In general it is preferable to use several smaller formulae, rather than one large one.

- A single formula was used in this example to make the slide simpler.

Equal?

Equal? -- Comment

- The first = in the formula simply tells Excel that the cell contains a formula

- The second = compares the cells and gives either true (if the cells are equal) or false (if the cells are not equal).