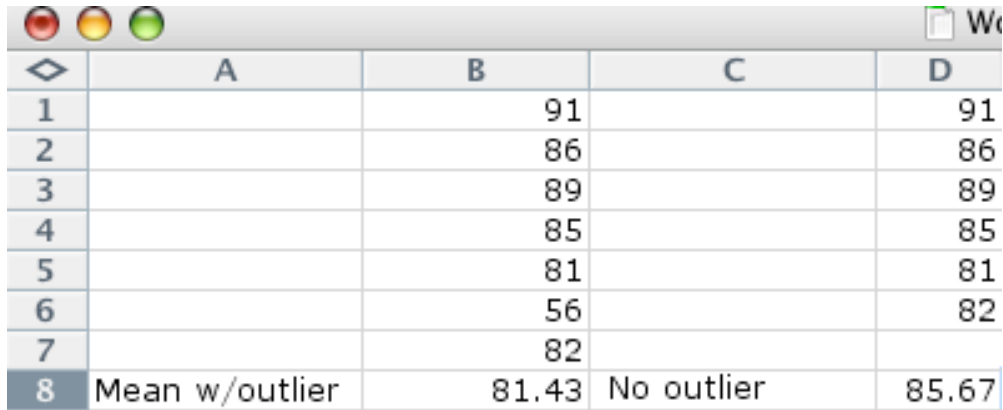


## Means and Outliers

You can use a spreadsheet to calculate the mean and identify the effect of outliers on a set of data.



	A	B	C	D
1		91		91
2		86		86
3		89		89
4		85		85
5		81		81
6		56		82
7		82		
8	Mean w/outlier	81.43	No outlier	85.67

1. Enter the data for the mean with the outlier into column B. In cell B8, enter one of the following functions:
  - =SUM(B1:B7)/7
  - =AVERAGE(B1:B7)
2. Enter the data for the mean without the outlier into column D. In cell D6, enter one of the following functions:
  - =SUM(D1:D8)/7
  - =AVERAGE(D1:D8)