

Stats Review - Practice

Find the mode, median, and mean for each data set.

1) Sales Tax

State	Percent
Maine	5.5
Arizona	5.6
New Mexico	5.125
District of Columbia	5.75
New York	4
Maryland	6
Delaware	0
South Dakota	4
Wisconsin	5

2)

Nobel Laureates

Name	Age
James Joseph Heckman	56
Daniel Kahneman	68
Günter Wilhelm Grass	72
Liu Xiaobo	54

Name	Age
Peter Charles Doherty	56
Klaus-Olaf von Klitzing	42
Torsten Nils Wiesel	57
Paul Greengard	74

Name	Age
Herbert Krömer	72
Rolf Martin Zinkernagel	52
Kurt Wüthrich	64

3)

Age at First Job

12 17 23 16 18 13 12
12 23

4)

2012 Summer Olympics

Country	Medals
United States	104
Brazil	17
Norway	4
Switzerland	4
Croatia	6

Country	Medals
New Zealand	13
Canada	18
Mexico	7
Turkey	5

5) Academy Awards

Movie	# Awards
In the Heat of the Night	5
From Here to Eternity	8
An American in Paris	6
Wings	2
Terms of Endearment	5
The Bridge on the River Kwai	7
The Life of Emile Zola	3
Unforgiven	4
Casablanca	3

Find the range, lower quartile, upper quartile, and interquartile range for each data set.

6) Test Scores
 55 50 49 51 51 48 46
 54 34

7) Age at First Job
 17 14 18 18 17 18 15
 15 13 18 17

8) Minutes to Run 5km
34.6 29 47 31.2 28.4
24.6 28.5 19.1 23.9 37.7
35.2

9) Car Weights (kg)
1,670 1,100 1,560 1,510 900
1,405 1,615 1,350 925 1,715

10) Games per World Series
6 7 7 4 7 4 7 7
6 7