

Worksheet 2

1. The frequency table below shows the speeds of one hundred tennis balls hit by a professional tennis player.

Speed (Class Limits)	Frequency
0-29	4
30-59	16
60-89	60
90-119	20

- a. Find the mean speed.
- b. Find the standard deviation.
2. The distances traveled (in miles) to 7 different swim meets are:

13, 28, 33, 55, 62, 72, 84, 28

- Find the:
- a. mean
- b. median
- c. mode
- d. range
- e. standard deviation
- f. 30th percentile

3. Which score has a better relative position, a score of 33 on a test for which the mean is 27 and $s=10$, or a score of 277.4 on a test for which the mean is 245 and $s=54$?