**Assignment 18.3**

You take the SAT and score 1100. The mean score for the SAT is 1026 and the standard deviation is 209. How well did you score on the test compared to the average test taker?

Z = x – Mean

Std. Dev.

= (1100 – 1026)/209

= 74/ 209

= 0.3540

Your score is 0.3540 standard deviation above the mean