Problem Statement:

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?

Step1:- To find out the Zscore

Z=X-µ/σ

X= 1100

µ=1026

σ=209

Z= 1100-1026/209

Z=0.354

Step2:- Z table lookup for 0.354 is 0.63 around 63% I had scored well compared to the average test taker.

**Ans:- Z score of 0.354 or 63%**