Assignment - 18.3

Here in this problem $x = 1100$. $\mu = 1026$. and S.D or $\sigma = 209$.

$\therefore$ Z score is $z = \dfrac{x - \mu}{\sigma} = \dfrac{1100 - 1026}{209} = 0.354$.

This means that my score was 0.354 std. devs. above the mean.

A Z score of 0.354 is $0.1368 + 0.5 = 0.6368$ or 63.68%. (Ans).