

$$b) P(200 \leq X \leq 210) = P(-0,67 \leq Z \leq 1,00)$$

$$= \Phi(1,00) - \Phi(-0,67)$$

$$= \Phi(1,00) - [1 - \Phi(0,67)]$$

$$= 0,8413 - 1 + 0,7486$$

$$= 0,5899$$

$$\approx \underline{\underline{59\%}}$$

