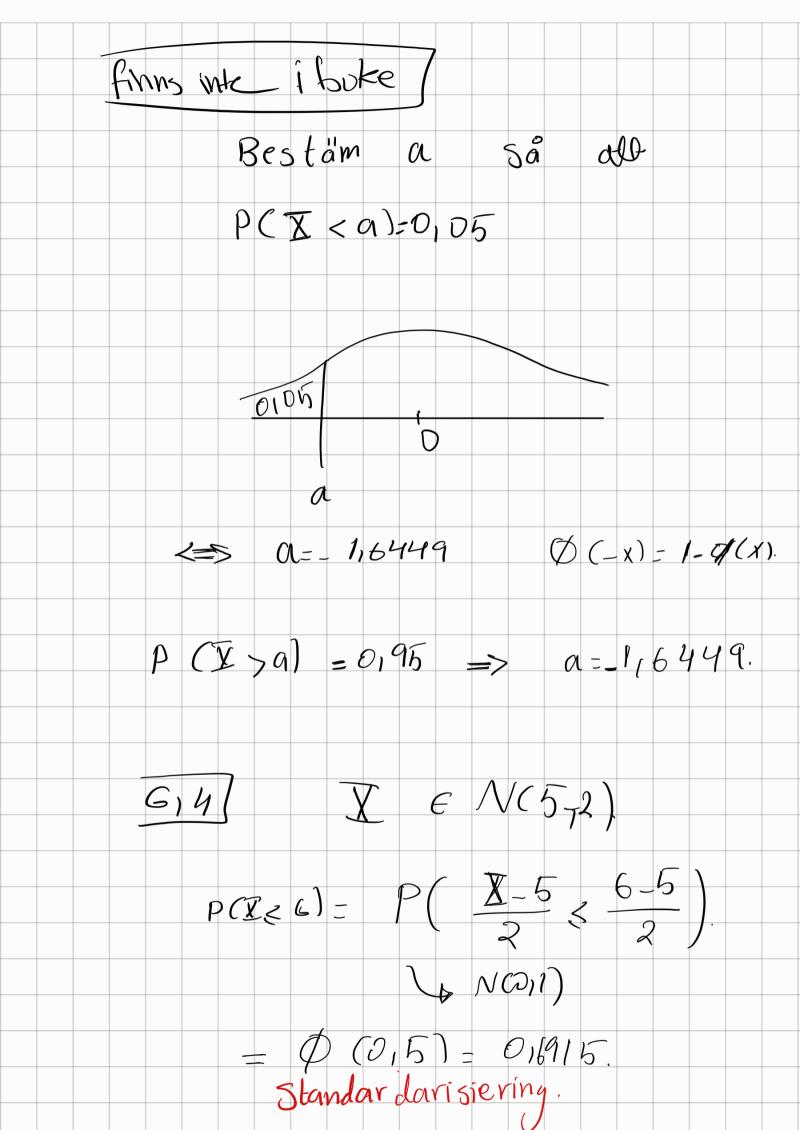
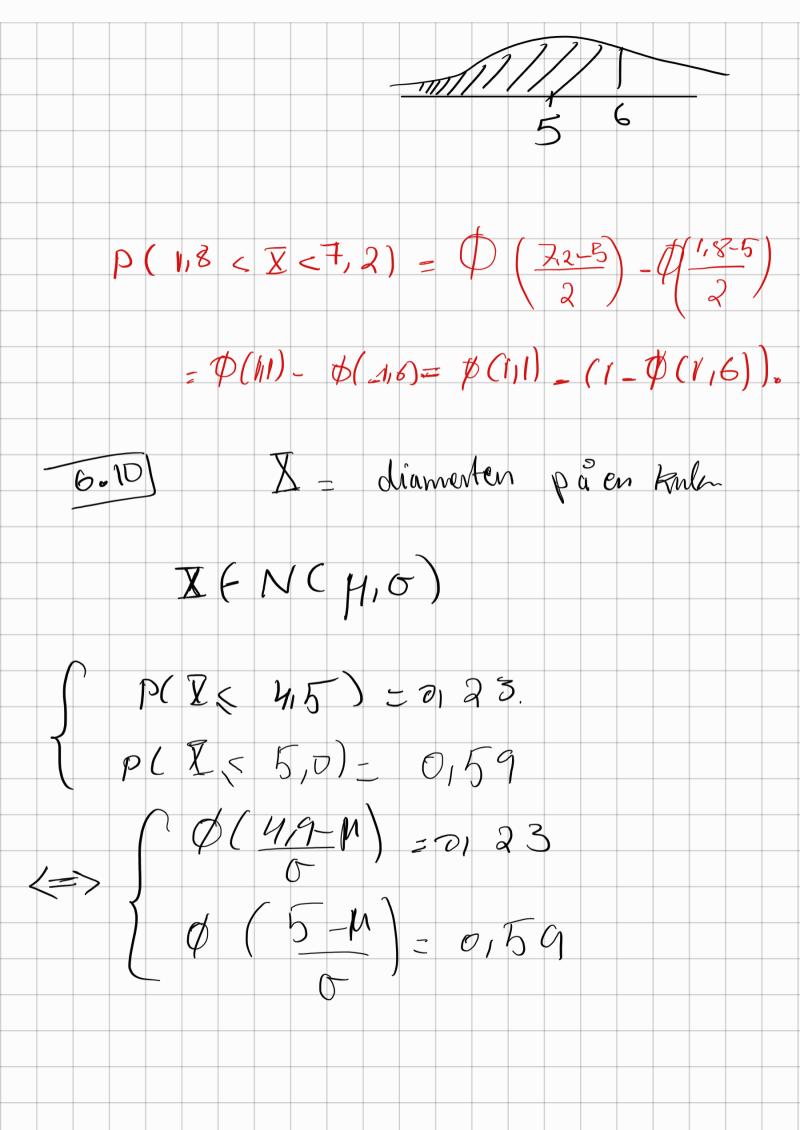
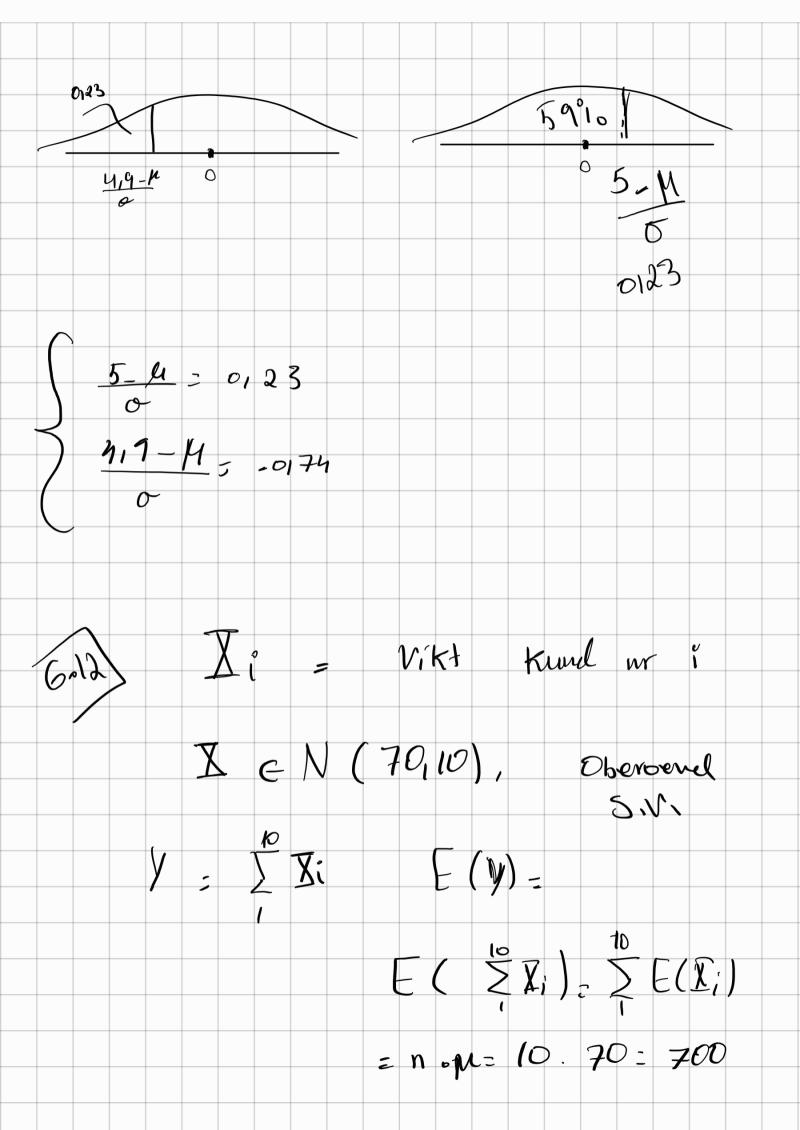


Standard mormal fordelining. P (X < 1,82) - F(1,82) - Ø(1,82) 0) N(011) 1,82 P(8 < -0135) = Ø (-0135) =1 - Ø(0135) -1-016368 20,3626 C) P(-112 < 8 < 015) = Q(015) - Q(-112) = \$\psi(0,5) - (1_ \$\psi(1,2)) = 0,6916 _ (1-0,8849) bestam a sã alt P(X<9)= 0,05 tabell => ac1, 6449







$$V(Y) = \frac{10}{2} V(X_{i}) = \frac{10}{2} V(X_{i}) = \frac{10}{2} (0.10^{2} \cdot 10^{3})$$

$$Y \in N(700_{1} \sqrt{1000})$$

$$P(\text{ overlast}) = P(Y > 800)$$

$$= 1 - 0 \left(\frac{800 - 700}{10 \sqrt{10}} \right)$$

$$= 1 - 0 \left(\frac{10}{10} \right) = 1 - 0 \left(\frac{317}{10} \right).$$

$$= 1 - 0 (999 = 0.001.$$

$$X_{i} = \frac{1}{10} V(X_{i}) = \frac{1}{10} V(X_{i})$$

$$= \frac{1}{10} V(X_{i}) = \frac{1}{10} V(X_{i}) = \frac{10}{10} V(X_{i}) = \frac{10$$

