$$\frac{3ggan}{f(A)} = \begin{cases}
0, & \text{upry } x \leq 9 \\
\frac{1}{e-9}, & \text{upry } 9 \leq x \leq \ell \\
0, & \text{upry } x \geq \ell
\end{cases}$$

$$M(A) = \frac{Q+Q}{2} = \frac{2\omega + 800}{2} = 500$$

$$D(A) = \frac{(P-2)^2}{12} = \frac{(800-200)^2}{12} = \frac{600^2 - 6^2 \cdot 100^2}{12} = \frac{12}{12}$$

$$\mathcal{D}(B) = \frac{1}{5}$$

$$a = \frac{1}{2}$$

$$\mathcal{D}(B) = \frac{(\beta - \alpha)^2}{12}$$

$$\frac{\left(\ell-\frac{\ell}{2}\right)^2}{12}=\frac{1}{5}$$

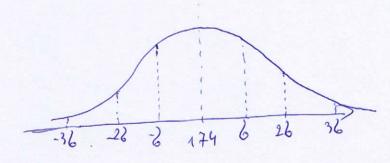
$$\int_{0}^{1} f(x) = \int_{0}^{1} \frac{1}{\sqrt{2\pi}} \cdot e^{-\frac{(x+2)^{2}}{26\pi}}$$

$$\int_{0}^{1} f(x) = \int_{0}^{1} \sqrt{2\pi} \cdot e^{-\frac{(x+2)^{2}}{2 \cdot 162}}$$

$$27 \quad M(x) = 9 = -2$$

$$2^2 = \mathcal{D}(x) = 16$$

$$2^2 = \sqrt{\mathcal{D}(x)} = 4$$



Pemenne:

a)
$$S > 182 \text{ cm}$$

 $S > 174 + 8 = M(x) + 6$
 $= 7 P(S) = \frac{1 - 0.68}{2} = 0.16$

$$\begin{array}{c} S > 190 \\ S > 174 + 16 = M(x) + 26 \\ P(s) = \frac{1 - 0.954}{2} = 0.023 \end{array}$$

$$(8)$$
 166 $< S < 150$
 $174-6 < S < S+28$
 $P(S)_1 = \frac{0.68}{2}$ $P(S)_2 = \frac{0.954}{2}$

$$= 7 p(s) = p(s)_{4} + p(s)_{2} = 0$$

$$= 0,34 + 0,477 = 0,817$$

$$P_{0}$$
 σ P_{0} σ $P_$

$$S < 166$$

$$S < 174 - 8$$

$$S < MG) - 6$$

$$P(L) = \frac{1 - 0.68}{2} = 0.16$$

$$3agar MS$$

399019 US D(x)=25 au = => 6=5 au

M(x) = 178 cm $S = 190 cm = 178 + 12 = 178 + 26 + \frac{4}{10}6 = 178 + 2,46$

=> H9 2,46