$$\frac{3a\partial_{a}xa \ 1}{(200; 800]} \rightarrow pabnonepuo$$
 $Cpeduce: \mu = \frac{a+b}{2} = \frac{200+800}{2} = 500$

$$Ducnepcus: 6^2 = \frac{(b-a)^2}{12} = \frac{(800-200)^2}{12} = \frac{30000}{12}$$

$$6^{2} = 0.2$$
, $a = 0.5$

$$\delta^2 = \frac{(6-a)^2}{12}$$

$$(b-a)^2 = \frac{6^2}{12}$$

$$b = \frac{6}{112} + a = \frac{6}{112} + 0.5 = 0.629$$

$$\frac{3\text{cedara }3}{f(b) = \frac{1}{4 \cdot \sqrt{2 \cdot 7}}} \cdot \frac{\exp(-(b+2)^2)}{32}$$

-> Rosone, Vo serucaro

Odupar
$$\varphi$$
-1a H.P.:
 $f(b) = \frac{1}{6\sqrt{2\pi}} \cdot e^{-\frac{(b-a)^2}{2\sigma^2}}$

$$\frac{4}{f(a)^{2}} + ac \qquad \frac{6ax00 dux}{2 \cdot 4^{2}} = \frac{(ac)^{2}}{2 \cdot 4^{2}}$$

следовательно.

$$M(x) = a = \begin{bmatrix} -2 \\ 0 \end{cases}$$

$$D(x) = \delta^{2} = 4^{2} = \begin{bmatrix} 16 \\ 4 \end{bmatrix}$$

$$S+d(x) = \delta = \begin{bmatrix} 4 \\ 4 \end{bmatrix}$$

Sodona 4

cpedrawi poci = 174

$$0 = d$$

a) Poet > 142 cm
 $f(x) = \frac{d^{2}}{d^{2}} \cdot e^{-\frac{(17-174)^{2}}{2(d^{2})}} = \frac{1}{8 \cdot \sqrt{627}} \cdot e^{-\frac{(17-174)^{2}}{8}} = \frac{1}{10 \cdot \sqrt{627}} \cdot e^{-\frac{(17-174)^{2}}{8}} = \frac{1}{10$

8) Foce of 158 do 130
$$\frac{158-174}{6} = -2 \frac{140-174}{6} = +2$$

$$f(x < 2) = 0.9772$$

$$f(x > 1) = f(x < 2) = 1 - 0.0226 = 0.9782$$

$$f(x > 1) = f(x < 2) = 1 - 0.0226 = 0.9782$$

$$f(x > 1) = 0.03772 = 0.9543$$

$$f(x < -3) = 0.0014$$

$$f(x < -3) = 0.0014$$

$$f(x > 2) = f(x < 2) = (1 - 0.9772) = 0.0226$$

$$f(x < 3) = f(x < 2) = (0.0242)$$

$$f(x < 4) = 0.024$$

$$f(x < 3) = 0.9366$$

$$f(x > 3) = 0.9366$$

$$f(x > 3) = f(x < 3) = 1 - 0.0014 = 6.5786$$

$$f(x - 174) = -1.5$$

$$f(x < -174) = -1.5$$

P(x <-1.5) = 0.0668

$$X - M(x) = 190 - 178 = 12$$

следовательно: