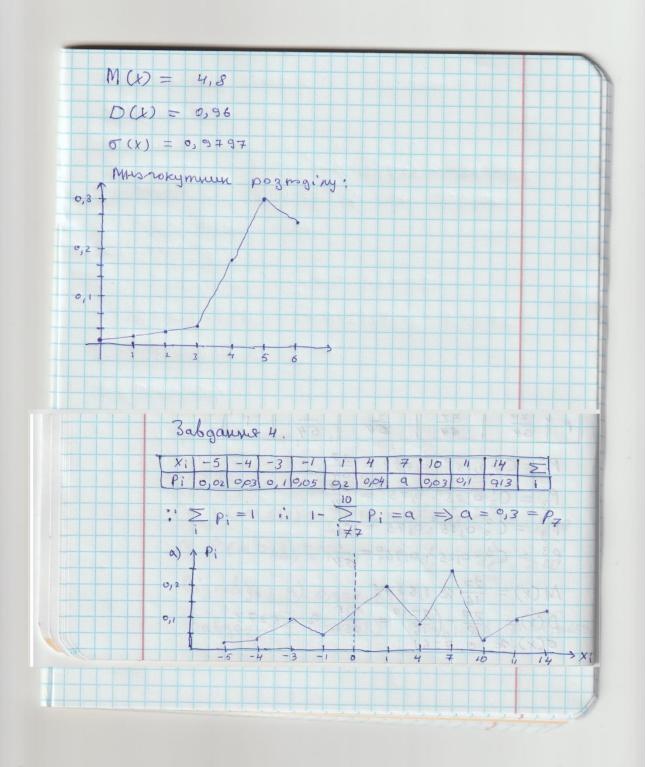
Nadopomopus podoms 4 Bapiaum 20
Sabganna 1.
X: 3 4 7 9 12 14
205
Pi 011 93 0,2 0,03 0,15 0,2
7,95
$M(x) \ge x_i p_i = 7,95$
$D(x) = M(x^2) - M^2(x) = \sum_i x_i^2 p_i - M^2(x) =$
= 17, 1475
1000 - 4 11100
$\sigma(x) = \sqrt{D(x)} = 4,1409$
Balgaine 2
$p = 0,6 \Rightarrow q = 0,4$
K=5
X; 0 ( 2 3 4 5
P: 0,01024 0,07680,2304 0,3456 0,25920,07
$M(x) = px = 3$ $\sigma(x) = \sqrt{D(x)} = 1,0954$
$O(x) = P9k = 1,2$ $O(x) = \sqrt{2(x)}$
Sabgarne 3.
$P = \frac{8}{10} = 9.8 \Rightarrow 9 = 0.2$
x; 0 1 2 3 4 5 6
P; 1 24 48 256 768 6144 4096 15625
1 15625 15625 3125 3125 3125 15625 15625



5) 
$$\begin{pmatrix} c, & x \leq -5 \\ c, & 0 \geq 2, & -5 \leq x \leq -4 \\ o, & 0 \leq 5, & -4 \leq x \leq -3 \\ o, & 0 \leq 5, & -4 \leq x \leq -3 \\ o, & 0 \leq 5, & -3 \leq x \leq -1 \\ o, & 0 \leq 1, & 0 \leq x \leq 1 \\ o, & 0 \leq 1, & 0 \leq x \leq 1 \\ o, & 0 \leq$$

$$A_{S} = -0,0262$$

$$A_{S} = \frac{M_{4}}{\sigma_{4}} - 3 = \frac{1}{\sigma_{4}} (V_{4} - 4V_{1}V_{3} + 6V_{1}^{2}V_{2} - 3V_{1}^{4}) - 3$$

$$E_{S} = -1,1077$$