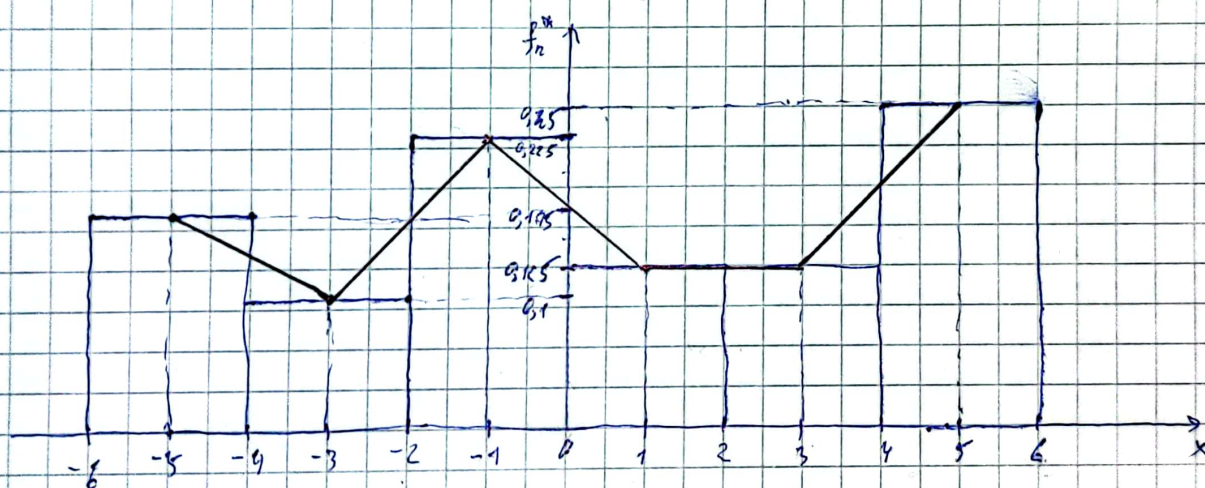
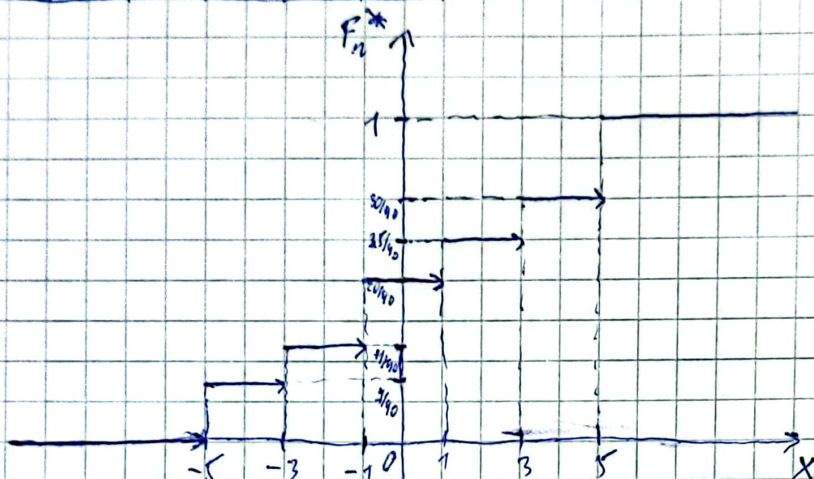


1)

Інтервал	$[-6; -4)$	$[-4; -2)$	$[-2; 0)$	$[0; 2)$	$[2; 4)$	$[4; 6)$
Частота	2	4	9	5	5	10

$g_i$	-5	-3	-1	1	3	5
$n_i$	2	4	9	5	5	10



2)  $[0; 1]$ ,  $n \xi_{(1)}$

$$F_{n \xi_{(1)}}(x) = P(n \xi_{(1)} \leq x) = P(\xi_{(1)} \leq \frac{x}{n}) = F_{\xi_{(1)}}\left(\frac{x}{n}\right) = \frac{x}{n} \rightarrow 0, n \rightarrow \infty$$

3)  $[0; 1]$ ,  $\xi_{(n-1)}$

$$f_{\xi_{(n-1)}}(x_{n-1}) = n! \int_0^{x_{n-1}} dx_{n-2} \left[ \int_{x_{n-2}}^1 dx_n \right] = n! x_{n-1} (1 - x_{n-1})^2, \quad 0 \leq x_{n-1} \leq 1$$