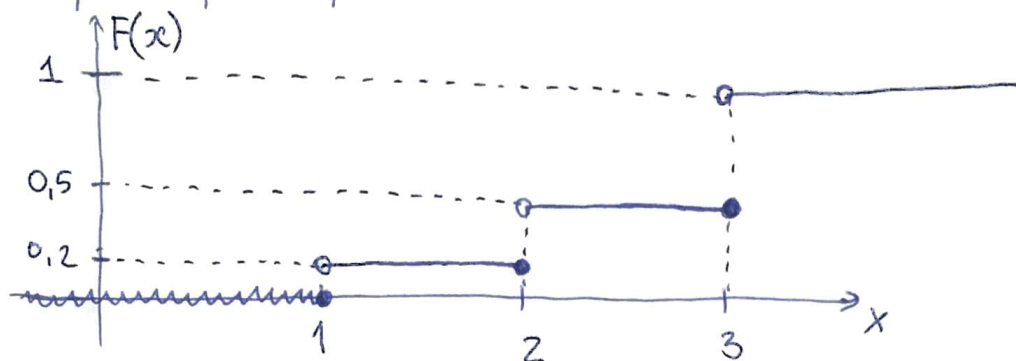


Задача 1

X	"1"	"2"	"3"
P	20/100	30/100	50/100



~~$F(x) = \begin{cases} 0, & x \leq 1 \\ 0.2, & x \in (1; 2] \\ 0.5, & x \in (2; 3] \\ 1, & x > 3 \end{cases}$~~

$F(x) = \begin{cases} 0, & x \leq 1 \\ 0.2, & x \in (1; 2] \\ 0.5, & x \in (2; 3] \\ 1, & x > 3 \end{cases}$

Задача 12

~~$X = (X_1, \dots, X_n)$~~

~~$f(x, \theta) = \begin{cases} \frac{6x(\theta - x)}{\theta^3}, & \text{при } x \in [0, \theta] \\ 0, & \text{при } x \notin [0, \theta] \end{cases}$~~

~~Центральный момент второго порядка:~~

~~$E(\theta) = \theta$ Это дисперсия.~~

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~~$X_1 = -4,3, X_2 = 3,4, X_3 = 35,8, X_4 = 27,7, X_5 = 13,5, X_6 = 30,3$~~