3. 3aganue.

Populyea napasone $y = ax^2 + bx + c$ No ycubieno, napasonea rhoxeque repejsoral (1,2), (3,10), (5,1)

Rogerabelle x is y b opopulyey, no syrum cuerency

yhabnerue y y x representation.

$$\begin{cases}
2 = a \cdot 1^{2} + 6 \cdot 1 + c \\
10 = a \cdot 3^{2} + 6 \cdot 3 + c
\end{cases}$$

$$\begin{cases}
10 = a \cdot 5^{2} + 6 \cdot 5 + c
\end{cases}$$

$$\begin{cases}
1 = a \cdot 5^{2} + 6 \cdot 5 + c
\end{cases}$$

$$\begin{cases}
1 = a \cdot 5^{2} + 6 \cdot 5 + c
\end{cases}$$

$$\begin{cases}
c = 2 - a - b \\
3a + 2b = 8
\end{cases} \Rightarrow id$$

$$\begin{cases}
c = 2 - a - b \\
4a + b = 4
\end{cases} \Rightarrow
\begin{cases}
c = 2 - a - b \\
6 = 4 - 4a
\end{cases} \Rightarrow
\begin{cases}
6 = 4 - 4a
\end{cases}$$

$$\begin{cases}
a = -2,128 \\
b = 4 + 4.2,128
\end{cases}$$

$$\begin{cases}
a = -2,128 \\
b = 12,5
\end{cases}$$

$$c = 2 + 2,128 - 6$$

$$c = -8,375$$

$$m. o. yp-e napasousr$$
 $y = -2,125 \cdot x^2 + 12,5 \cdot x - 8,375$

2. Задание

Chercue
$$\rightarrow$$
 100 km 99% (99 x bega) \rightarrow 1% (1km, see bega'

yeeyeeka \rightarrow x km 98% (boga) 2% (1 km, see bega')

 $\frac{100}{26}$ = $\frac{1}{2}$

$$\alpha = \frac{100}{2} = 50$$