_ систем инастину уравнений 5 -3 -12 -3.3.(-3) = -602 +27 $X = \frac{1}{4} = \frac{-301}{-301} = \frac{1}{1} = \frac{903}{1} = \frac{3}{1} = \frac{2}{-301} = \frac{2}{1} = \frac{2}$ 3.4 - 2.3 + 5.2 = 4 17.1 +4.3 - 8.2 = 3 (51-3.3-4-2=-12 Our been: X=1; y=3; Z=2

21 (x2 + yx - 9 = 0 - nemente y pobrame. Lx - y/5 = 0 - munitive y pobrame Cenerace - necessees $x = \frac{y^2}{5} + \frac{y^2}{5} + \frac{y^2}{5} - 9 = 0$ $X = +\frac{1}{5}\sqrt{\frac{225}{6}}$ $-\frac{9^2 + 5y^2 - 225 = 0}{6}$ 6y2 = 225 $y = \pm \sqrt{\frac{225}{6}}$ Dirlein: X=+1/225' 4-+/225 3) $\begin{cases} x \cdot y = 48 \\ 2x + 2y = 28 \\ x + y = 14 \end{cases}$ y = 14 - X $X \cdot (14 - X) = 48$ $y_1 = 14-6=8$ $-x^2 + 14x - 48 = 0$ $y_2 = 14-8=6$ $D = 8^2 - 4ac = 14^2 - 4(-1) - (-48) = 196 - 192 = 4$ X42= -6 ± 10 $X_1 = \frac{-14+2}{-2} = 6$ $X_2 = \frac{-14-2}{-2} = 8$ Ombers: Ouerac a=6(8), une forma B=8(6)

4.
import numpy as np
import matplotlib.pyplot as plt

x = np.linspace(0, 10, 121)

plt.plot(x, np.cos(x))
plt.plot(x, np.cos(5 * x))
plt.show()

