

Math 3 Advanced

Solve a nonlinear system of equations.

$$\begin{aligned} 1. \quad y &= x^2 \\ &y = 3x - 2 \end{aligned}$$

$$\begin{aligned} 2. \quad y - 2x - 3 &= 0 \\ x^2 - y &= 0 \end{aligned}$$

$$\begin{aligned} 3. \quad x - y &= 4 \\ 3x^2 - x + y &= 8 \end{aligned}$$

$$\begin{aligned} 4. \quad y &= x^2 + 1 \\ x + y &= 3 \end{aligned}$$

$$\begin{aligned} 5. \quad y &= x^2 - 12 \\ y &= 2x + 3 \end{aligned}$$

$$\begin{aligned} 6. \quad y &= 4x^2 - 8 \\ y &= 3x + 14 \end{aligned}$$

$$\begin{aligned} 7. \quad y &= x^2 - 3x - 10 \\ y &= 4x - 11 \end{aligned}$$

$$\begin{aligned} 8. \quad y &= 2x + 5 \\ y &= 3x^2 - 4 \end{aligned}$$