

Math C

9.5 Nonlinear Systems part 1

Solve.

1. $y = x^2$
 $y = 3x - 2$

2. $x - 2y = 5$
 $x = 3y^2$

3. $y^2 = 5 - x$
 $x + 5y = 11$

4. $y = x^2 + 1$
 $x + y = 3$

5. $y = 2x + 3$
 $y = x^2 - 12$

6. $x = y^2 - 3$
 $3x - 6y = -12$

Answer List

- | | |
|------------------------|--|
| 1. $(1, 1), (2, 4)$ | 2. $(3, -1), \left(\frac{25}{3}, \frac{5}{3}\right)$ |
| 3. $(1, 2), (-4, 3)$ | 4. $(-2, 5), (1, 2)$ |
| 5. $(5, 13), (-3, -3)$ | 6. $(-2, 1)$ |

Catalog List

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|-------------|--------------|-------------|-------------|
| 1. TRI JH 1 | 2. TRI JH 3 | 3. TRI JH 5 | 4. TRI JH 7 |
| 5. TRI JH 9 | 6. TRI JH 11 | | |