

Solving Non-Linear Simultaneous Equations

(a)

Solve
 $y = x^2 + 2$
 $y = 3x$

(b)

Solve
 $y = x^2$
 $y = 10 - 3x$

(c)

Solve
 $y = 5 + x^2$
 $y = x + 11$

(d)

Solve
 $y = x^2 + 9x - 6$
 $y = 5x + 6$

(e)

Solve
 $y = x^2 - 4$
 $x + y = 8$

(f)

Solve
 $y = 6x - x^2$
 $y + 5x = 24$

(g)

Solve
 $y = 2x^2 - 1$
 $x + y = 5$

(h)

Solve
 $y = x - 3x^2$
 $x - y = 3$