Solving Systems of Linear Equations
(Substitution)

Level 1 - Solve a system of equations by substituting one into another
Level 2 - Rearrange an equation in order to solve a system by substitution

Answers:

Level 1

a) $x = 7, y = 5$	**b)** $x = 5, y = -6$	**c)** $x = -5, y = -3$
d) $x = 1, y = -3$	**e)** $x = -3, y = 2$	**f)** $x = -2, y = -5$
g) $x = -3, y = 1$	**h)** $x = 3, y = 6$	**i)** $x = 4, y = 12$
j) $x = 2, y = -2$	**k)** $x = 1, y = -2$	**l)** no solution

Level 2

a) $x = -3,\ y = -2$	**b)** $x = 1,\ y = -3$	**c)** $x = 1,\ y = 3$
d) $x = -6,\ y = 8$	**e)** $x = -2,\ y = -2$	**f)** $x = -2,\ y = -2$
g) $x = 2,\ y = -2$	**h)** $x = 1,\ y = -1$	**i)** $x = 4,\ y = 0$
j) $x = 4,\ y = 1$	**k)** $x = -5,\ y = 3$	**l)** $x = 4,\ y = 7$