

# Answers: Solving Quadratics

1: a)  $(t - 7)(t - 9) = 0$   
 $t = 7, t = 9$

b)  $(x + 1)(x - 10) = 0$   
 $x = -1, x = 10$

c)  $(p + 1)(p + 5) = 0$   
 $p = -1, p = -5$

d)  $(f - 5)(f + 7) = 0$   
 $f = 5, f = -7$

e)  $(g - 5)(g - 6) = 0$   
 $g = 5, g = 6$

f)  $(z + 3)(z + 5) = 0$   
 $z = -3, z = -5$

g)  $(e - 6)(e - 9) = 0$   
 $e = 6, e = 9$

h)  $(m + 2)(m + 7) = 0$   
 $m = -2, m = -7$

i)  $(y + 3)(y - 6) = 0$   
 $y = -3, y = 6$

j)  $(k - 8)(k - 10) = 0$   
 $k = 8, k = 10$

k)  $(u - 6)(u + 10) = 0$   
 $u = 6, u = -10$

l)  $(x + 2)(x + 5) = 0$   
 $x = -2, x = -5$

m)  $(f - 2)(f + 10) = 0$   
 $f = 2, f = -10$

n)  $(v - 3)(v - 9) = 0$   
 $v = 3, v = 9$

o)  $(w + 3)(w + 10) = 0$   
 $w = -3, w = -10$