Chapter 7

Algebraic Equations II

Table 7-1: Solution to Example 15

t	t^2	$3t$	-4	$v(t)$	Working out	Coordinates: (t, v)
-6	36	-18	-4	14	$v(t) = (-6)^2 + 3(-6) - 4 = 14$	(-6, 14)
-5	25	-15	-4	6	$v(t) = (-5)^2 + 3(-5) - 4 = 6$	(-5, 6)
-4	16	-12	-4	0	$v(t) = (-4)^2 + 3(-4) - 4 = 0$	(-4, 0)
-3	9	-9	-4	-4	$v(t) = (-3)^2 + 3(-3) - 4 = -4$	(-3, -4)
-2	4	-6	-4	-6	$v(t) = (-2)^2 + 3(-2) - 4 = -6$	(-2, -6)
-1	1	-3	-4	-6	$v(t) = (-1)^2 + 3(-1) - 4 = 14$	(-1, -6)
0	0	0	-4	-4	$v(t) = (0)^2 + 3(0) - 4 = -4$	(0, -4)
1	1	3	-4	0	$v(t) = (1)^2 + 3(1) - 4 = 0$	(1, 0)
2	4	6	-4	6	$v(t) = (2)^2 + 3(2) - 4 = 6$	(2, 6)
3	9	9	-4	14	$v(t) = (3)^2 + 3(3) - 4 = 14$	(3, 14)
4	16	12	-4	24	$v(t) = (4)^2 + 3(4) - 4 = 24$	(4, 24)

Thank You