

Name _____

Period _____

Arithmetic Sequences

Find the n th term of each arithmetic sequence.

1) $a_1 = 3, d = 4, n = 14$	2) $a_1 = 3, d = -5, n = 11$	3) $a_1 = 9, d = 6, n = 20$
4) $a_1 = 3, d = 2, n = 10$	5) $a_1 = -7, d = 3, n = 25$	6) $a_1 = 20, d = 4, n = 13$
7) $a_1 = 25, d = 3, n = 12$	8) $a_1 = 4, d = 6, n = 21$	9) $a_1 = 70, d = -8, n = 101$
10) $a_1 = 6, d = 15, n = 10$	11) $a_1 = -5, d = -8, n = 7$	12) $a_1 = -10, d = 5, n = 15$
13) $a_1 = -2, d = -6, n = 28$	14) $a_1 = 4, d = 4.5, n = 18$	15) $a_1 = 3x, d = -x, n = 7$