



Math worksheet on 'Patterning - Term Value from Equation for Increasing Arithmetic Pattern (Level 1)'.  
Part of a broader unit on 'Patterns and Sums - Practice'

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1 Find the term for n=8 given this pattern equation

$$a_n = 2 + 6(n - 1)$$

a	b	c	d	e	f
44	39	-40	72	37	58

2 Find the term for n=9 given this pattern equation

$$a_n = 2 + 4(n - 1)$$

a	-30	b	34
c	131,072	d	31
e	29	f	37

3 Find the term for n=8 given this pattern equation

$$a_n = 3 + 2(n - 1)$$

a	b	c	d	e	f
-11	22	17	13	45	384

4 Find the term for n=5 given this pattern equation

$$a_n = 3 + 4(n - 1)$$

a	b	c	d	e	f
19	35	20	3	16	23

5 Find the term for n=9 given this pattern equation

$$a_n = 3 + 5(n - 1)$$

a	1,171,875	b	-37
c	48	d	27
e	43	f	35

6 Find the term for n=6 given this pattern equation

$$a_n = 1 + 2(n - 1)$$

a	b	c	d	e	f
32	15	11	8	6	9

7 Find the term for n=8 given this pattern equation

$$a_n = 2 + 2(n - 1)$$

a	b	c	d	e	f
37	12	16	17	256	18