



Math worksheet on 'Patterning - Term Value from Equation for Increasing Arithmetic Pattern (Level 3)'.
Part of a broader unit on 'Patterns and Sums - Advanced'

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2 Find the term for n=15 given this pattern equation

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

a	b	c	d	e	f
15	68	75	71	72	69

4 Find the term for n=14 given this pattern equation

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

a	-50	b	54
c	93	d	134,217,728
e	58	f	52

6 Find the term for n=12 given this pattern equation

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

a	45	b	34
c	29	d	38
e	36	f	177,147

1 Find the term for n=15 given this pattern equation

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

a	-55	b	29
c	52	d	57
e	268,435,456	f	55

3 Find the term for n=12 given this pattern equation

$$a_n = 2 + 5(n - 1)$$

a	b	c	d	e	f
54	57	58	13	52	59

5 Find the term for n=18 given this pattern equation

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

a	100	b	107
c	-101	d	16,926,659,444,736
e	99	f	103

7 Find the term for n=14 given this pattern equation

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

a	b	c	d	e	f
70	65	69	67	16	68