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

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1 Find the term for n=19 in this increasing pattern (first term is n=1)

1, 3, 5, 7, 9

a	37	b	262,144
c	34	d	40
e	33	f	-35

2 Find the term for n=12 in this increasing pattern (first term is n=1)

1, 3, 5, 7

a	b	c
-21	18	2,048

d	e	f
23	22	25

3 Find the term for n=11 in this increasing pattern (first term is n=1)

1, 5, 9, 13, 17

a	40	b	-39
c	1,048,576	d	42
e	41	f	36

4 Find the term for n=15 in this increasing pattern (first term is n=1)

2, 8, 14, 20, 26

a	b	c	d	e	f
86	114	82	-82	128	85

5 Find the term for n=17 in this increasing pattern (first term is n=1)

3, 6, 9, 12

a	b
51	55

c	d
54	3

e	f
47	129,140,163

6 Find the term for n=9 in this increasing pattern (first term is n=1)

1, 4, 7, 10

a	b	c
30	25	9

d	e	f
6,561	22	-23

7 Find the term for n=15 in this increasing pattern (first term is n=1)

2, 4, 6, 8, 10

a	b	c	d	e	f
-26	-12	26	72	2	30