Name

Patterning - Term Value from Equation for Increasing Arithmetic Pattern

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

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

A	131,072	B	34
C	31	D	37
E	29	F	-30

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

$$a_n = 3 + 6(n-1)$$

A	B	C	D	E	F
52	31	45	50	47	43

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

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

A	B	C	D	E	F
72	37	-40	58	39	44

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

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

A	B	C	D	E	F
-27	36	39	34	33	29

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

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

A	B	C	D	E	F
23	35	16	3	19	20

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

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

A	B	C	D	E	F
45	-11	384	22	17	13

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

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

A	B	C	D	E	F
16	23	3,125	22	26	-24

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

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

A	B	C	D	E	F
14	16	17	21	-15	19