Name

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

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

A	B	C	D	E	F
15	128	36	29	-13	14

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

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

A	B	C	D	E	F
49	1	45	40	47	46

3 Find the term for n=11 given this pattern equation

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

A	-49	B	9,765,625
C	71	D	51
E	48	F	54

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

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

A	52	B	46
C	90	D	97,656,250
E	57	F	54

5 Find the term for n=13 given this pattern equation

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

A	-9	B	27
C	23	D	12,288
E	28	F	-21

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

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

A	25	B	26
C	29	D	23
E	13,122	F	-22

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

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

A	52	B	17
C	-47	D	49
E	1,679,616	F	33

8 Find the term for n=10 given this pattern equation

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

A	B	C	D	E	F
1,024	16	2	20	22	18