



Patterning - Term Value from Rule for Increasing Arithmetic Pattern

1

Find the term for $n=8$ given this pattern rule (first term is $n=1$)

Start at 2 and add 6 for each term

A	45	B	16
C	44	D	-40
E	559,872	F	40

2

Find the term for $n=8$ given this pattern rule (first term is $n=1$)

Start at 3 and add 3 for each term

A	25	B	24
C	-18	D	6,561
E	27	F	21

3

Find the term for $n=6$ given this pattern rule (first term is $n=1$)

Start at 2 and add 5 for each term

A	6,250	B	28
C	-23	D	26
E	37	F	27

4

Find the term for $n=7$ given this pattern rule (first term is $n=1$)

Start at 1 and add 2 for each term

A	13	B	9
C	-11	D	64
E	1	F	17

5

Find the term for $n=7$ given this pattern rule (first term is $n=1$)

Start at 1 and add 3 for each term

A	24	B	19
C	15	D	14
E	20	F	-17

6

Find the term for $n=7$ given this pattern rule (first term is $n=1$)

Start at 2 and add 3 for each term

A	16	B	-16
C	20	D	18
E	17	F	21

7

Find the term for $n=9$ given this pattern rule (first term is $n=1$)

Start at 3 and add 4 for each term

A	38	B	196,608
C	36	D	35
E	51	F	34

8

Find the term for $n=6$ given this pattern rule (first term is $n=1$)

Start at 3 and add 5 for each term

A	28	B	43
C	-22	D	9,375
E	33	F	24