



Patterning - Term Value for Increasing Arithmetic Pattern

1 Find the term for $n=13$ in this increasing pattern (first term is $n=1$)

3, 6, 9, 12, 15

A	41	B	39
C	34	D	38
E	-33	F	1,594,323

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

3, 6, 9, 12

A	55	B	47
C	129,140,163	D	3
E	54	F	51

3 Find the term for $n=10$ in this increasing pattern (first term is $n=1$)

1, 6, 11, 16, 21

A	42	B	73
C	37	D	1,953,125
E	46	F	43

4 Find the term for $n=16$ in this increasing pattern (first term is $n=1$)

1, 7, 13, 19, 25

A	95	B	470,184,984,576
C	-89	D	91
E	92	F	93

5 Find the term for $n=18$ in this increasing pattern (first term is $n=1$)

2, 8, 14, 20

A	104	B	33,853,318,889,472
C	155	D	102
E	106	F	103

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

1, 6, 11, 16

A	72	B	71	C	-69	D	76	E	99	F	66
---	----	---	----	---	-----	---	----	---	----	---	----

7 Find the term for $n=16$ in this increasing pattern (first term is $n=1$)

3, 9, 15, 21

A	97	B	91
C	92	D	-87
E	93	F	1,410,554,953,728

8 Find the term for $n=18$ in this increasing pattern (first term is $n=1$)

2, 5, 8, 11

A	54	B	53
C	-15	D	52
E	55	F	258,280,326