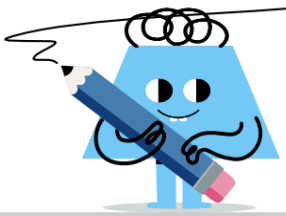
Name

Patterning - Term Value from Rule for Decreasing Arithmetic Pattern



1

Start at 32 and subtract 2 for each term

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

A	18	B	32
C	16	D	48
E	12	F	8,192

2

Start at 85 and subtract 6 for each term

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

A	33	B	37
C	142,767,360	D	34
E	35	F	133

3

Start at 43 and subtract 3 for each term

Find the term for n=12 given this pattern rule (first term is n=1)

A	7	B	76
C	14	D	10
E	6	F	7,617,321

4

Start at 62 and subtract 4 for each term

Find the term for n=14 given this pattern rule (first term is n=1)

A	6	B	4,160,749,568
C	10	D	-3
E	114	F	7

5

Start at 72 and subtract 5 for each term

Find the term for n=10 given this pattern rule (first term is n=1)

A	23	B	27
C	24	D	30
E	140,625,000	F	117

6

Start at 71 and subtract 5 for each term

Find the term for n=12 given this pattern rule (first term is n=1)

A	27	B	126
C	16	D	60
E	3,466,796,875	F	11

7

Start at 87 and subtract 6 for each term

Find the term for n=10 given this pattern rule (first term is n=1)

A	141	B	32
C	30	D	33
E	28	F	876,759,552

8

Start at 30 and subtract 2 for each term

Find the term for n=10 given this pattern rule (first term is n=1)

A	-6	B	15,360
C	11	D	21
E	12	F	48