



Math worksheet on 'Patterning - Term Value from Rule for Increasing Arithmetic Pattern (Level 2)'. Part of a broader unit on 'Patterns and Sums - Practice'

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1

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

Start at 1 and add 4 for each term

a	-51	b	105
c	1	d	67,108,864
e	53	f	56

2

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

Start at 1 and add 2 for each term

a	15	b	16
c	128	d	19
e	-13	f	14

3

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

Start at 2 and add 5 for each term

a	44	b	37
c	42	d	16
e	38	f	156,250

4

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

Start at 2 and add 4 for each term

a	31	b	26
c	32	d	34
e	2	f	-30

5

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

Start at 3 and add 4 for each term

a	29	b	-21
c	12,288	d	24
e	27	f	30

6

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

Start at 2 and add 6 for each term

a	-64	b	24
c	725,594,112	d	101
e	68	f	66

7

Find the term for $n=13$ given this pattern rule (first term is $n=1$)

Start at 3 and add 2 for each term

a	27	b	75
c	-21	d	32
e	12,288	f	30