



Math worksheet on 'Patterning - Term Value from Rule for Decreasing Arithmetic Pattern (Level 1)'. Part of a broader unit on 'Patterns and Sums - Intro'

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1

Find the term for $n=5$ given this pattern rule (first term is $n=1$)

Start at 71 and subtract 5 for each term

a	43	b	46
c	47	d	44,375
e	50	f	51

2

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

Start at 32 and subtract 2 for each term

a	2,048	b	20
c	14	d	44
e	22	f	2

3

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

Start at 76 and subtract 5 for each term

a	42	b	1,187,500
c	46	d	49
e	41	f	70

4

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

Start at 59 and subtract 4 for each term

a	3	b	31
c	35	d	17
e	36	f	87

5

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

Start at 58 and subtract 4 for each term

a	33	b	26
c	30	d	950,272
e	23	f	27

6

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

Start at 29 and subtract 2 for each term

a	22	b	15
c	1	d	20
e	16	f	14

7

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

Start at 47 and subtract 3 for each term

a	71	b	20
c	26	d	23
e	22	f	27