



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

Learn online: app.mobius.academy/math/units/patterns_and_sums_intro/

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

1, 6, 11, 16, 21

a	b	c	d	e	f
26	-24	24	6	3,125	21

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

3, 9, 15, 21

a	b	c	d	e	f
15	44	36	39	-33	37

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

a	b	c
14	21	13
d	e	f
-15	18	17

1, 5, 9, 13

4 Find the term for $n=9$ in this increasing pattern (first term is $n=1$)

3, 8, 13, 18, 23

a	41	b	45
c	47	d	1,171,875
e	43	f	75

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

2, 4, 6, 8, 10

a	b	c	d	e	f
8	-8	-3	13	12	16

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

2, 6, 10, 14

a	b	c	d	e	f
26	23	25	30	50	-22

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

3, 7, 11, 15, 19

a	b	c	d	e	f
26	25	18	3,072	22	23