



Math worksheet on 'Patterning - Term Value for Increasing Arithmetic Pattern (Level 4)'. Part of a broader unit on 'Patterns and Sums - Advanced'

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- 2** Find the term for  $n=216$  in this increasing pattern (first term is  $n=1$ )

3, 6, 9, 12, 15

a	b	c	d	e	f
650	-642	1,293	645	644	648

- 4** Find the term for  $n=213$  in this increasing pattern (first term is  $n=1$ )

2, 8, 14, 20, 26

a	b	c	d	e	f
-1,270	1,277	1,278	1,274	1,276	1,275

- 6** Find the term for  $n=215$  in this increasing pattern (first term is  $n=1$ )

1, 6, 11, 16, 21

a	b	c	d	e	f
1,075	1,066	643	1,071	1,072	-1,069

- 1** Find the term for  $n=213$  in this increasing pattern (first term is  $n=1$ )

2, 7, 12, 17, 22

a	b	c	d	e	f
1,067	1,065	1,061	-1,058	1,059	1,062

- 3** Find the term for  $n=211$  in this increasing pattern (first term is  $n=1$ )

1, 6, 11, 16

a	b	c	d	e	f
1,054	1,051	1,049	1,050	-1,049	1,046

- 5** Find the term for  $n=215$  in this increasing pattern (first term is  $n=1$ )

1, 3, 5, 7, 9

a	b	c	d	e	f
432	425	431	-427	429	-213

- 7** Find the term for  $n=219$  in this increasing pattern (first term is  $n=1$ )

2, 4, 6, 8, 10

a	b	c	d	e	f
438	-434	442	874	436	439