



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

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

29, 27, 25, 23

<b>a</b>	-394	<b>b</b>	-1,021
<b>c</b>	-388	<b>d</b>	-391
<b>e</b>	239	<b>f</b>	-387

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

78, 73, 68, 63, 58

<b>a</b>	-993	<b>b</b>	-994
<b>c</b>	-1,420	<b>d</b>	1,148
<b>e</b>	-997	<b>f</b>	-992

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

43, 40, 37, 34

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>	<b>e</b>	<b>f</b>
-598	-600	-602	688	-601	-603

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

85, 79, 73, 67

<b>a</b>	-1,187	<b>b</b>	1,357
<b>c</b>	-1,182	<b>d</b>	-1,611
<b>e</b>	-1,188	<b>f</b>	-1,189

- 3** Find the term for  $n=214$  in this decreasing pattern (first term is  $n=1$ )

48, 45, 42, 39, 36

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>	<b>e</b>	<b>f</b>
-587	-589	-591	-378	687	-804

- 5** Find the term for  $n=218$  in this decreasing pattern (first term is  $n=1$ )

31, 29, 27, 25, 23

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>	<b>e</b>	<b>f</b>
-401	-403	31	-398	-399	-405

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

58, 54, 50, 46

<b>a</b>	-584	<b>b</b>	-1,440
<b>c</b>	-1,654	<b>d</b>	914
<b>e</b>	-801	<b>f</b>	-798