



Math worksheet on 'Number Sequences - Arithmetic, First Terms (Level 3)'. Part of a broader unit on 'Patterns and Sums - Intro'

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**1** What are the first 3 terms, starting with  $b = 1$  in this number sequence

<b>a</b>	15, 22, 29	<b>b</b>	-1, 6, 13
<b>c</b>	57, 58, 59	<b>d</b>	14, 20, 26
<b>e</b>	16, 24, 32	<b>f</b>	15, 23, 31

$8 + 7b$

**2** What are the first 3 terms, starting with  $p = 1$  in this number sequence

<b>a</b>	13, 20, 27	<b>b</b>	14, 22, 30
<b>c</b>	49, 50, 51	<b>d</b>	2, 10, 18
<b>e</b>	15, 24, 33	<b>f</b>	14, 20, 26

$6 + 8p$

**3** What are the first 3 terms, starting with  $m = 1$  in this number sequence

<b>a</b>	2, 10, 18	<b>b</b>	14, 20, 26
<b>c</b>	13, 20, 27	<b>d</b>	49, 50, 51
<b>e</b>	15, 24, 33	<b>f</b>	14, 22, 30

$6 + 8m$

**4** What are the first 3 terms, starting with  $c = 1$  in this number sequence

<b>a</b>	6, 10, 14	<b>b</b>	5, 6, 7
<b>c</b>	7, 10, 13	<b>d</b>	9, 10, 11
<b>e</b>	-2, 0, 2	<b>f</b>	6, 8, 10

$4 + 2c$

**5** What are the first 3 terms, starting with  $p = 1$  in this number sequence

<b>a</b>	25, 26, 27	<b>b</b>	9, 12, 15
<b>c</b>	10, 14, 18	<b>d</b>	10, 16, 22
<b>e</b>	11, 16, 21	<b>f</b>	-2, 2, 6

$6 + 4p$

**6** What are the first 3 terms, starting with  $n = 1$  in this number sequence

<b>a</b>	8, 11, 14	<b>b</b>	9, 13, 17
<b>c</b>	8, 13, 18	<b>d</b>	7, 9, 11
<b>e</b>	16, 17, 18	<b>f</b>	-2, 1, 4

$5 + 3n$

**7** What are the first 3 terms, starting with  $p = 1$  in this number sequence

<b>a</b>	13, 19, 25	<b>b</b>	43, 44, 45
<b>c</b>	1, 8, 15	<b>d</b>	12, 18, 24
<b>e</b>	14, 22, 30	<b>f</b>	13, 20, 27

$6 + 7p$