



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

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

<b>a</b> 64, 65, 66	<b>b</b> 16, 23, 30
<b>c</b> 16, 25, 34	<b>d</b> -2, 5, 12
<b>e</b> 17, 25, 33	<b>f</b> 15, 21, 27

$9 + 7m$

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

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

$6 + 8n$

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

<b>a</b> 16, 23, 30	<b>b</b> 15, 24, 33
<b>c</b> 14, 19, 24	<b>d</b> -3, 3, 9
<b>e</b> 15, 21, 27	<b>f</b> 55, 56, 57

$9 + 6y$

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

<b>a</b> 0, 5, 10	<b>b</b> 9, 13, 17
<b>c</b> 26, 27, 28	<b>d</b> 10, 15, 20
<b>e</b> 11, 16, 21	<b>f</b> 11, 17, 23

$5 + 5x$

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

<b>a</b> 13, 19, 25	<b>b</b> 37, 38, 39
<b>c</b> 11, 16, 21	<b>d</b> 12, 18, 24
<b>e</b> 13, 20, 27	<b>f</b> 0, 6, 12

$6 + 6y$

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

<b>a</b> 12, 17, 22	<b>b</b> 14, 21, 28
<b>c</b> 13, 19, 25	<b>d</b> 13, 20, 27
<b>e</b> 43, 44, 45	<b>f</b> -1, 5, 11

$7 + 6x$

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

<b>a</b> 5, 8, 11	<b>b</b> 9, 10, 11
<b>c</b> 6, 10, 14	<b>d</b> 7, 12, 17
<b>e</b> 2, 6, 10	<b>f</b> 6, 8, 10

$2 + 4d$