



Math worksheet on 'Number Sequences Identify - Arithmetic, First Terms (Level 4)'. Part of a broader unit on 'Patterns and Sums - Intro'

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1 What sequence, starting with $b = 1$, are these the first 3 terms of?

a	b	c
$5 - 7b$	$5 - 2b$	$5 - 6b$
$0, -5, -10$		
d	e	f
$4 - 5b$	$5 - 3b$	$5 - 5b$

2 What sequence, starting with $y = 1$, are these the first 3 terms of?

a	b	c
$6 - 3y$	$7 - 6y$	$6 - 6y$
$0, -6, -12$		
d	e	f
$6 - 3y$	$8 - 6y$	$7 - 6y$

3 What sequence, starting with $r = 1$, are these the first 3 terms of?

$-2, -10, -18$

a	b	c	d	e	f
$6 - 6r$	$6 - 10r$	$6 - 10r$	$6 - 8r$	$6 - 10r$	$5 - 8r$

4 What sequence, starting with $d = 1$, are these the first 3 terms of?

a	b	c
$4 - 7d$	$4 - 8d$	$6 - 6d$
$-2, -8, -14$		
d	e	f
$4 - 8d$	$4 - 6d$	$4 - 7d$

5 What sequence, starting with $n = 1$, are these the first 3 terms of?

a	b	c
$4 - 6n$	$1 - 5n$	$4 - 5n$
$-1, -6, -11$		
d	e	f
$3 - 5n$	$4 - 4n$	$5 - 5n$

6 What sequence, starting with $z = 1$, are these the first 3 terms of?

a	b	c
$5 - -1z$	$5 - 3z$	$5 - 2z$
$3, 1, -1$		
d	e	f
$5 - 4z$	$5 - 4z$	$4 - 2z$

7 What sequence, starting with $r = 1$, are these the first 3 terms of?

$-5, -13, -21$

a	b	c	d	e	f
$3 - 9r$	$0 - 8r$	$1 - 8r$	$3 - 6r$	$3 - 10r$	$3 - 8r$