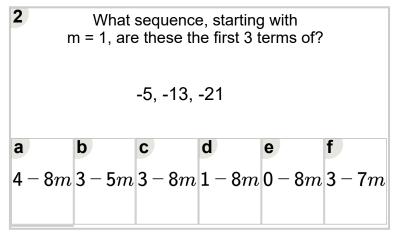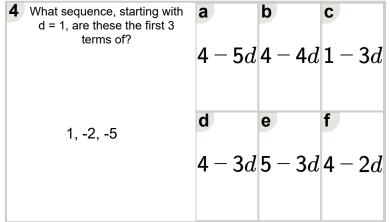# mobius

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

Learn online: app.mobius.academy/math/units/patterns_and_sums_practice/

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

-2, -10, -18

a	b	c	d	e	f
$7 - 8n$	$6 - 8n$	$6 - 5n$	$3 - 8n$	$5 - 8n$	$6 - 9n$

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

-5, -13, -21

a	b	c	d	e	f
$4 - 8m$	$3 - 5m$	$3 - 8m$	$1 - 8m$	$0 - 8m$	$3 - 7m$

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

1, -6, -13

a	b	c
$8 - 8n$	$7 - 7n$	$8 - 5n$

d	e	f
$8 - 9n$	$8 - 7n$	$8 - 6n$

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

1, -2, -5

a	b	c
$4 - 5d$	$4 - 4d$	$1 - 3d$

d	e	f
$4 - 3d$	$5 - 3d$	$4 - 2d$

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

-3, -12, -21

a	b	c	d	e	f
$6 - 10z$	$6 - 9z$	$6 - 8z$	$6 - 11z$	$6 - 6z$	$7 - 9z$

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

5, 2, -1

a	b	c
$9 - 3d$	$8 - 1d$	$8 - 3d$

d	e	f
$8 - 2d$	$8 - 5d$	$7 - 3d$

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

4, 2, 0

a	b	c
$5 - 2d$	$6 - 2d$	$8 - 2d$

d	e	f
$6 - 4d$	$6 - 3d$	$4 - 2d$