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Math worksheet on *'Number Sequences Identify - Arithmetic, First Terms (Level 2)'*. Part of a broader unit on *'Patterning - Number Patterns Intro'*

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

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

12, 18, 24

a	b	c
$6x + 7$	$6x + 6$	$6x + 3$

d	e	f
$6x + 4$	$7x + 6$	$6x + 8$

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

-3, -1, 1

a	b	c
$0d - 5$	$2d - 7$	$2d - 5$

d	e	f
$1d - 5$	$-1d - 5$	$2d - 3$

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

13, 19, 25

a	b	c
$4c + 7$	$8c + 7$	$3c + 7$

d	e	f
$6c + 8$	$6c + 7$	$5c + 7$

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

5, 8, 11

a	b	c
$2b + 2$	$5b + 2$	$0b + 2$

d	e	f
$3b + 2$	$1b + 2$	$0b + 2$

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

1, 8, 15

a	b	c
$7x - 3$	$8x - 6$	$6x - 6$

d	e	f
$7x - 6$	$5x - 6$	$4x - 6$

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

5, 7, 9

a	b	c
$2c + 0$	$2c + 3$	$2c + 4$

d	e	f
$2c + 4$	$4c + 3$	$2c + 5$

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

0, 3, 6

a	b	c
$3n - 2$	$4n - 3$	$3n - 3$

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