



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

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2 What are the first 3 terms, starting with $x = 1$ in this number sequence $2x + 7 - 9x^2$

a	-14, -39, -82	b	-18, -47, -94
c	5, -1, -11	d	0, -21, -56
e	0, -25, -68	f	-4, -33, -80

4 What are the first 3 terms, starting with $y = 1$ in this number sequence $2 - 9y - 3y^2$

a	-14, -32, -56	b	-7, -34, -79
c	-2, -20, -56	d	-10, -46, -106
e	-10, -28, -52	f	4, 4, -2

6 What are the first 3 terms, starting with $r = 1$ in this number sequence $9r + 2 - 5r^2$

a	6, 18, 38	b	-7, -34, -79
c	-12, -36, -70	d	6, 0, -16
e	2, -4, -20	f	-16, -40, -74

1 What are the first 3 terms, starting with $d = 1$ in this number sequence $4d + 2 - 7d^2$

a	-5, -22, -53	b	-13, -38, -77
c	-9, -34, -73	d	-1, -18, -49
e	-2, -14, -34	f	-1, -10, -25

3 What are the first 3 terms, starting with $m = 1$ in this number sequence $5m + 8 - 3m^2$

a	10, 6, -4	b	10, 16, 26
c	-6, -10, -20	d	-16, -30, -50
e	0, -14, -34	f	3, -12, -37

5 What are the first 3 terms, starting with $n = 1$ in this number sequence $5 - 3n - 7n^2$

a	-5, -29, -67	b	2, -7, -22
c	-9, -27, -59	d	-5, -11, -23
e	-5, -35, -85	f	-15, -39, -77

7 What are the first 3 terms, starting with $y = 1$ in this number sequence $9 - 3y - 4y^2$

a	-9, -15, -27	b	6, -3, -18
c	-16, -31, -54	d	-10, -19, -36
e	2, -13, -36	f	2, -19, -54