



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

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1 What is the term in this number sequence when $r = 1$

$$8 - 2r - 8r^2$$

a	b	c	d	e	f
-2	-14	6	-18	-8	8

2 What is the term in this number sequence when $d = 3$

$$5 - 5d - 7d^2$$

a	b	c	d	e	f
-40	-53	-83	-35	-103	-73

3 What is the term in this number sequence when $n = 3$

$$3 - 5n - 9n^2$$

a	b	c	d	e	f
-42	-99	-33	-123	-93	-69

4 What is the term in this number sequence when $y = 2$

$$3 - 4y - 6y^2$$

a	b	c	d	e	f
-19	-37	-35	-11	-29	-13

5 What is the term in this number sequence when $y = 1$

$$7 - 4y - 9y^2$$

a	b	c	d	e	f
-10	-20	-12	-6	-7	3

6 What is the term in this number sequence when $y = 2$

$$2y + 8 - 3y^2$$

a	b	c	d	e	f
4	-16	-8	-24	-12	0

7 What is the term in this number sequence when $y = 3$

$$7 - 3y - 9y^2$$

a	b	c	d	e	f
-97	-79	-83	-20	-25	-101