



## Number Sequences - Polynomial, Specific Term

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

$$4 - 3n^2$$

A	B	C
-39	-31	-30
D	E	F
-23	21	-77

**2** What is the term in this number sequence when  $p = 1$

$$4p^2 - 5p + 7$$

A	B	C	D	E	F
-7	16	3	6	-5	12

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

$$5 - 6n^2$$

A	B	C
-19	-26	-29
D	E	F
-43	-30	12

**4** What is the term in this number sequence when  $c = 1$

$$7c^2 + 3c + 7$$

A	B	C	D	E	F
3	10	11	17	-1	-3

**5** What is the term in this number sequence when  $b = 3$

$$7b^2 + 6b + 9$$

A	B	C	D	E	F
54	72	63	126	90	36

**6** What is the term in this number sequence when  $c = 1$

$$3c^2 + 9c + 2$$

A	B	C	D	E	F
-4	11	16	-8	10	14

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

$$3y^2 + 4y + 4$$

A	B	C	D	E	F
8	16	0	20	24	32

**8** What is the term in this number sequence when  $c = 3$

$$5c^2 + 6c + 5$$

A	B	C	D	E	F
68	58	32	104	59	22