Name

Number Sequences Identify - Polynomial, First Terms

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

9, -1, -21

A $7d + 9 - 5d^2$	B $5d + 6 - 5d^2$
C $2d + 9 - 5d^2$	D $5d + 9 - 5d^2$
E $5d + 9 - 6d^2$	F $5d + 10 - 5d^2$

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

0, -19, -52

A $2z + 5 - 7z^2$	B $2z + 7 - 7z^2$
C $2z + 5 - 6z^2$	D $2z + 5 - 5z^2$
E $1z + 5 - 7z^2$	F $2z + 4 - 7z^2$

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

-12, -48, -102

A $6 - 9c - 9c^2$	B $6 - 9c - 10c^2$
C $6 - 11c - 9c^2$	D $6 - 9c - 8c^2$
E $6 - 9c - 6c^2$	F $6 - 9c - 7c^2$

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

-1, -16, -39

A $5 - 3n - 4n^2$	B $6 - 3n - 4n^2$
C $6 - 2n - 4n^2$	D $6 - 3n - 6n^2$
E $7 - 3n - 4n^2$	F $3 - 3n - 4n^2$

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

8, 7, 0

A $8d + 2 - 3d^2$	B $5d + 3 - 3d^2$
C $8d + 3 - 5d^2$	D $8d + 3 - 4d^2$
E $8d + 3 - 3d^2$	F $10d + 3 - 3d^2$

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

-10, -36, -76

A $2 - 6c - 7c^2$	B $2 - 5c - 4c^2$
C $2 - 5c - 7c^2$	D $2 - 5c - 6c^2$
E $2 - 5c - 5c^2$	F $2 - 5c - 9c^2$

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

0, -18, -50

A $2c + 4 - 7c^2$	B $3c + 1 - 7c^2$
C $3c + 4 - 8c^2$	D $3c + 6 - 7c^2$
E $3c + 5 - 7c^2$	F $3c + 4 - 7c^2$

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

10, 9, 2

A $8y + 5 - 5y^2$	B $6y + 5 - 3y^2$
C $8y + 5 - 4y^2$	D $5y + 5 - 3y^2$
E $8y + 5 - 3y^2$	F $8y + 3 - 3y^2$