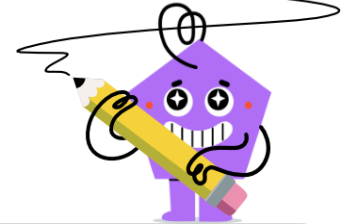




Number Sequences - Polynomial, First Terms



1 What are the first 3 terms, starting with $d = 1$ in this number sequence

$$8d + 4 - 4d^2$$

A 0, -4, -16

B -4, -28, -68

C 8, 4, -8

D 8, 20, 40

E -16, -36, -64

F -8, -28, -56

3 What are the first 3 terms, starting with $p = 1$ in this number sequence

$$7p + 8 - 8p^2$$

A 7, 4, -1

B 1, -20, -55

C 7, -10, -43

D -23, -54, -101

E -9, -26, -59

F -7, -38, -85

5 What are the first 3 terms, starting with $r = 1$ in this number sequence

$$4r + 9 - 6r^2$$

A -1, -23, -57

B 5, -7, -27

C -11, -25, -51

D 7, -7, -33

E 7, 1, -9

F -19, -41, -75

7 What are the first 3 terms, starting with $z = 1$ in this number sequence

$$8 - 5z - 8z^2$$

A -5, -34, -79

B -8, -18, -38

C 3, -12, -37

D -21, -50, -95

E -11, -30, -65

F -5, -44, -109

2 What are the first 3 terms, starting with $m = 1$ in this number sequence

$$5 - 9m - 3m^2$$

A -17, -35, -59

B -4, -31, -76

C 1, 1, -5

D -5, -23, -59

E -7, -25, -49

F -7, -43, -103

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

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

A 2, -4, -14

B -4, -8, -16

C -8, -24, -52

D -4, -28, -68

E -12, -32, -64

F -4, -24, -56

6 What are the first 3 terms, starting with $y = 1$ in this number sequence

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

A -9, -40, -89

B -9, -48, -113

C 0, -12, -32

D -4, -12, -28

E -17, -48, -97

F -9, -32, -73

8 What are the first 3 terms, starting with $z = 1$ in this number sequence

$$4z + 6 - 6z^2$$

A 4, -10, -36

B 2, -10, -30

C -8, -22, -48

D -4, -26, -60

E 4, -2, -12

F -16, -38, -72