Name

Number Sequences Identify - Polynomial, First Terms

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

4, 7, 12

A $b^2 + 0$ B $b^2 + 1$ C $b^2 + 3$

D $b^2 + 2$ E $b^2 + 5$

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

6, 12, 22

A $3r^2 + 4$ B $2r^2 + 6$

C $-1r^2 + 4$ D $2r^2 + 2$

E $2r^2 + 4$ F $1r^2 + 4$

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

4, 10, 20

A $1c^2 + 2$ B $2c^2 + 1$ C $2c^2 + 2$

D $2c^2 + 3$ E $2c^2 + 4$ F $0c^2 + 2$

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

3, 6, 11

A $x^2 + 0$ B $x^2 + 2$ C $x^2 + 1$

D $x^2 + 4$

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

7, 19, 39

A $4m^2 + 4$ B $1m^2 + 3$

C $4m^2 + 0$ D $4m^2 + 2$

E $4m^2 + 3$ F $6m^2 + 3$

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

6, 15, 30

A $3y^2 + 4$ B $2y^2 + 3$ C $3y^2 + 2$

D $5y^2 + 3$ E $3y^2 + 3$ F $3y^2 + 5$

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

5, 14, 29

A $1d^2 + 2$ B $4d^2 + 2$

C $5d^2 + 2$ D $0d^2 + 2$

E $3d^2 + -1$ F $3d^2 + 2$

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

5, 11, 21

A $0r^2 + 3$ B $2r^2 + 1$ C $1r^2 + 3$

D $2r^2 + 3$ E $2r^2 + 0$ F $2r^2 + 4$