

[13-01-23-T11]

Progression of differences

■ Find the general term of each of the sequences.

[1] 1, 6, 13, 22, 33, 46, 61, 78, ...

[2] 1, 2, 6, 15, 31, 56, 92, 141, ...

[3] 1, 3, 11, 29, 61, 111, 183, 281, ...

[4] 1, 0, -3, -8, -15, -24, -35, -48, ...

[5] 3, 7, 15, 29, 51, 83, 127, 185, ...