

Arithmetic, Geometric, or Neither?

Classify each sequence and find the next term.

1, 3, 6, 10, 15, ____, ...	40, 43, 46, 49, ____, ...	-4, 12, -36, 108, ____, ...
4, 16, 36, 64, ____, ...	-29, -34, -39, -44, ____, ...	1, 5, 25, 125, ____, ...
1, 4, 9, 16, 25, ____, ...	-34, -26, -18, -10, ____, ...	0, 3, 8, 15, 24, ____, ...
0, 3, 6, 9, 12, ____, ...	48, 24, 12, 6, 3, ____, ...	6, 11, 16, 21, 26, ____, ...
0, 1, 3, 6, 10, ____, ...	1, 3, 9, 27, ____, ...	30, 26, 22, 18, ____, ...
-4, 4, -4, 4, -4, 4, ____, ...	-5, 10, -20, 40, ____, ...	1, 2, 1, 2, 1, 2, ____, ...
448, 224, 112, ____, ...	35, 28, 21, 14, ____, ...	18, 9, 4.5, 2.25, ____, ...

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1, 3, 6, 10, 15, ____, ...	40, 43, 46, 49, ____, ...	-4, 12, -36, 108, ____, ...
4, 16, 36, 64, ____, ...	-29, -34, -39, -44, ____, ...	1, 5, 25, 125, ____, ...
1, 4, 9, 16, 25, ____, ...	-34, -26, -18, -10, ____, ...	0, 3, 8, 15, 24, ____, ...
0, 3, 6, 9, 12, ____, ...	48, 24, 12, 6, 3, ____, ...	6, 11, 16, 21, 26, ____, ...
0, 1, 3, 6, 10, ____, ...	1, 3, 9, 27, ____, ...	30, 26, 22, 18, ____, ...
-4, 4, -4, 4, -4, 4, ____, ...	-5, 10, -20, 40, ____, ...	1, 2, 1, 2, 1, 2, ____, ...
448, 224, 112, ____, ...	35, 28, 21, 14, ____, ...	18, 9, 4.5, 2.25, ____, ...