

## Explicit Formulas for Arithmetic Sequences

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A) Write the arithmetic sequence using the given general term.

1)  $a_n = 32 - 53(n - 1)$

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2)  $a_n = 9 + 14(n + 4)$

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3)  $a_n = 3 + 95(n - 2)$

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4)  $a_n = -1 - 2(n - 3)$

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5)  $a_n = -5 + 19n$

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6)  $a_n = -10 + \frac{6(n - 1)}{2}$

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B) Write the general term of each arithmetic sequence.

1) 41, 72, 103, 134, 165, ...

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2) 16, 18, 20, 22, 24, ...

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3) -8, -14, -20, -26, -32, ...

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4) 9, 0, -9, -18, -27, ...

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