## Starting Six

Find the nth term of the sequence:

The $n$th term of a sequence is $7 n+2$
The $n$th term of a sequence is $3 n^{2}-7$
Is 143 a term in the sequence?

Find the $50^{\text {th }}$ term of the sequence:

$$
3,11,19,27,35
$$

Find the next term and the nth term of this quadratic sequence:
$6,17,34,57,86$

Find the $20^{\text {th }}$ term of the following sequence:
$5,11,21,35,53$

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