STEP 1 GENERATE SEQUENCES GIVEN A RULE IN WORDS
STEP 2 : Generate sequences given a simple algebraic rule

Work out the first five terms of each sequence:

1) The first term is 8. Each term is triple the previous.
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$\qquad$ , $\qquad$ , $\qquad$
2) The first term is 1. Each term is 4 less than the previous.

Find the value of the expressions when $n=1,2$, 10 \& 50 .

1) $3 n+7$
2) $18-n$
3) $n^{2}+2$

STEP 4 . Find the rule for the NiH term
Find the $n^{\text {m }}$ term of

1) $11,31,51,71 \ldots$
2) $10,7,4,1 \ldots$
3) $3,9,15,21 \ldots$
4) $6,4,2,0 \ldots$
5) $13,22,31,40 \ldots$
6) $-10,-13,-16,-19 \ldots$
