## (20f3)

## Patterns for sequences

For each part, use the described pattern to determine the first 5 terms of the number sequence. Then sketch a graph of your sequence.

a. Each term of the sequence is found by adding 5 to the preceding term. The starting term is 3.

b. Each term of the sequence is found by multiplying the preceding term by  $\frac{1}{2}$ . The starting term is 80.

c. Each term of the sequence is found by multiplying the position number by 2 and adding 1 to the result.

d. Each term of the sequence is found by multiplying the position number by preceding term. The starting term is 1.