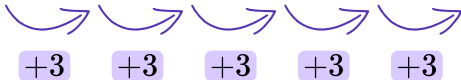


Arithmetic Sequences

Arithmetic sequences are ordered sets of numbers that have a **common difference** between each consecutive term.

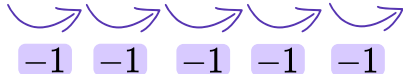
If we **add** or **subtract** the same number each time to make the sequence, it is an **arithmetic sequence**.

 Example

$$4, 7, 10, 13, 16, \dots$$


$+3 \quad +3 \quad +3 \quad +3 \quad +3$

 Example

$$5, 4, 3, 2, 1, \dots$$


$-1 \quad -1 \quad -1 \quad -1 \quad -1$