

1. Here are the first four terms of an arithmetic sequence.

6      10      14      18

(i) Write down the term to term rule of the sequence . . . . .

(ii) Write down the next term of the sequence . . . . .

2. Here are the first six terms of an arithmetic sequence.

1      8      15      22      29      36

(i) Write down the term to term rule of the sequence . . . . .

(ii) Write down the next term of the sequence . . . . .

3. Here are the first five terms of an arithmetic sequence.

8      14      20      26      32

(i) Write down the term to term rule of the sequence . . . . .

(ii) Write down the next term of the sequence . . . . .

4. Here are the first four terms of an arithmetic sequence.

4      7      10      13

(i) Write down the term to term rule of the sequence . . . . .

(ii) Write down the next term of the sequence . . . . .

5. Here are the first five terms of an arithmetic sequence.

6      15      24      33      42

(i) Write down the term to term rule of the sequence . . . . .

(ii) Write down the next term of the sequence . . . . .

Answers

1 (i)  $+ 4$  (ii) 22    2 (i)  $+ 7$  (ii) 43    3 (i)  $+ 6$  (ii) 38    4 (i)  $+ 3$  (ii) 16    5 (i)  $+ 9$  (ii) 51