

Arithmetic Sequence

- 1) The first and 7th terms of an arithmetic sequence are 24 and 60 respectively, find the common difference.

- 2) Given the sequence $-\frac{1}{6}, -\frac{5}{6}, -\frac{3}{2}, \dots$ determine the fraction that comes next.

- 3) How many terms lie between 100 and 400, which divided by 7 leaves a remainder 5?

- 4) Which term of the arithmetic progression 5, 2, -1, ... is -79?

- 5) Determine the last term of the sequence 37, 49, 61, ... if there are 8 terms after 61.
