

Explicit Formulas for Arithmetic Sequences

- 1) Determine the 22nd term in the arithmetic progression $-35, -45, -55, -65, -75, \dots$

- 2) Calculate the 11th term in the arithmetic progression $\frac{5}{4}, \frac{19}{8}, \frac{7}{2}, \frac{37}{8}, \frac{23}{4}, \dots$

- 3) Given the arithmetic progression $-7, -3, 1, 5, 9, \dots$ find the 61st term.

- 4) Find the 40th term of the sequence $-102, -117, -132, -147, -162, \dots$

- 5) Given the arithmetic sequence $30.6, 41.1, 51.6, 62.1, 72.6, \dots$ find the 34th term.
