

Year 8 Knowledge Organiser

Substitution and formulae Sequences and graphs

Key Vocabulary



Objectives

Orithmetic/Geometric sequences

Substitute numerical values into scientific formulae

Rearrange formulae to change the subject

Generate terms of a sequence from either a term-to-term or a position-to-term rule and calculate the nth term of linear sequences.

Plot graphs of equations that correspond to straight-line graphs.

Identify and interpret gradients and intercepts of linear functions graphically

ii Other sequences

Recognise, sketch, and interpret graphs of linear functions and simple quadratic functions.

Plot and interpret graphs and graphs of non-standard (piece-wise linear) functions in real contexts

i Finding the nth term

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