

# Types of Sequences

Each section in the picture has the first four terms of a sequence in it. You must decide whether each sequence is arithmetic, quadratic, geometric, Fibonacci or none of those and shade the section accordingly.

Type of Sequence	Colour
Arithmetic	Green
Quadratic	Red
Geometric	White
Fibonacci	Light Blue
None	Brown



# Types of Sequences Answers

Each section in the picture has the first four terms of a sequence in it. You must decide whether each sequence is arithmetic, quadratic, geometric, Fibonacci or none of those and shade the section accordingly.

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Quadratic	Red
Geometric	White
Fibonacci	Light Blue
None	Brown

The tree illustration contains the following sequences in different sections:

- White (Geometric):**
  - 2, 4, 8, 16, ...
  - 144, 72, 36, 18, ...
  - 0.5, 1, 2, 4, ...
  - 3, 3, 6, 9, ...
  - 1, 10, 100, 1000, ...
  - 10, 5, 0, -5, ...
  - 27, 9, 3, 1, ...
- Light Blue (Fibonacci):**
  - 5, 6, 11, 17, ...
  - 1, 2, 3, 5, ...
  - 1, 4, 5, 9, ...
  - 1, 3, 4, 7, ...
  - 8, 9, 10, 12, ...
  - 8, 9, 10, 11, ...
  - 2, 4, 6, 10, ...
  - 4, 5, 9, 14, ...
  - 0.25, 0.5, 1, 2, ...
  - 3, 7, 11, 15, ...
- Green (Arithmetic):**
  - 7, 11, 15, 19, ...
  - 2, 5, 7, 12, ...
  - 0.5, 1, 1.5, 2, ...
  - 9, 19, 29, 39, ...
  - 6, 5, 2, 1, ...
  - 8, 10, 12, 14, ...
  - 11, 13, 15, 17, ...
  - 10, 9, 8, 7, ...
  - 4, 6, 8, 10, ...
  - 5, 10, 20, 40, ...
  - 5, 10, 15, 20, ...
  - 2, 4, 6, 8, ...
  - 7, 5, 3, 1, ...
  - 5, 8, 11, 14, ...
  - 2, 4, 6, 8, ...
  - 8, 4, 0, -4
  - 1, 2, 3, 4, ...
  - 1, 3, 5, 7, ...
  - 1, 1, 2, 3, ...
  - 6, 3, 1.5, 0.75, ...
  - 2, 5, 8, 11, ...
- Red (Quadratic):**
  - 4, 10, 18, 28, ...
  - 3, 1, 7, 15, ...
  - 6, 9, 14, 21, ...
  - 5, 1, -3, -7, ...
  - 2, 13, 28, 47, ...
  - 2, -1, -6, -13, ...
  - 1, 4, 9, 16, ...
  - 2, 8, 18, 32, ...
- Brown (None):**
  - 1, 4, 11, 12, ...
  - 1, 4, 5, 9, ...
  - 2, 3, 8, 15, ...
  - 4, 5, 9, 14, ...

