

Number Sequences Identification

1. List the next 3 numbers in each sequence:

a) 2, 4, 6, 8, _____, _____, _____

b) 1, 3, 5, 7, _____, _____, _____

c) 1, 4, 9, 16, _____, _____, _____

2. Match the sequence to its name:

a) 1, 2, 4, 8, 16 → (i) Triangular numbers

b) 1, 3, 6, 10, 15 → (ii) Powers of 2

c) 1, 8, 27, 64 → (iii) Cube numbers

3. Write the rule for the sequence: 1, 3, 9, 27, 81.

4. What is the 5th term in the sequence of hexagonal numbers (1, 7, 19, 37, ____)?

5. Draw dots to represent the triangular number 10.
