

Class 9 Mathematics - Predicting What Comes Next: Exploring Sequences and Progressions

Name: _____

Date: _____

Medium Worksheet 3

Questions

1. Find the next three terms: 1, 2, 3, 5, 8, 13, __, __, __
2. Find the next two terms: 2, 3, 5, 8, 13, 21, __, __
3. Which rule generates the Fibonacci sequence?
4. Find the next term: 4, 7, 11, 18, 29, __
5. Find the sum of the first 10 natural numbers.
6. Find the sum of the first 15 natural numbers.

Answer Key

1. 21, 34, 55
2. 34, 55
3. Add the previous two terms.
4. 47
5. 55
6. 120