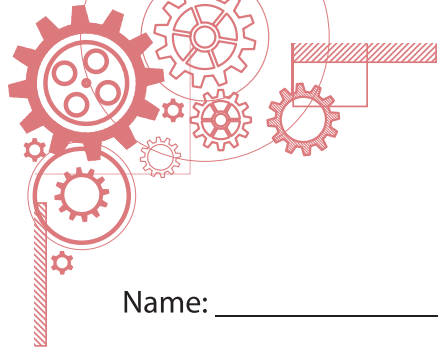




Name: _____

Class: _____

Fibonacci-Sequence

1. The first 4 numbers in the Fibonacci sequence are 1, 1, 2, 3.....

- a) What is the 5th term of the Fibonacci sequence?
- b) What is the 6th term of the Fibonacci sequence?
- c) Describe the rule for continuing the Fibonacci sequence.

2. Find the next three terms of the following Fibonacci-style sequences

- a) 2, 4, 6, 10, $_$, $_$, $_$
- b) 3, 6, 9, 15, $_$, $_$, $_$
- c) -3, 5, 2, 7, $_$, $_$, $_$

3. Find the missing term in each of the Fibonacci-style sequences below.

- a) $_$, $_$, 13, 20, 33,
- b) 11, $_$, $_$, 26, 41,
- c) $_$, $_$, 3.7, 4.9, 8.6,

4. For each of the following Fibonacci-style sequences, find the next 4 terms.

- a) a, 4a, 5a, 9a, $_$, $_$, $_$, $_$
- b) $3x$, $3x + y$, $6x + y$, $9x + 2y$, $_$, $_$, $_$, $_$
- c) $4x - 5y$, $2x - y$, $6x - 6y$, $_$, $_$, $_$, $_$

