Determine whether each of these sequences is a Fibonacci-like sequence.
(a) $1,1,2,3,5,8,13, \ldots$
(b) $1,2,3,6,11,20,37, \ldots$
(c) $2,4,6,10,16,26, \ldots$
(d) $-1,3,2,5,7,12, \ldots$

Fill in the missing terms in each of these Fibonacci-like sequences.

| 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 3 |  |  |  |  |  |  |
| 2 | 7 |  |  |  |  |  |  |
|  | 5 | 7 |  |  |  |  |  |
|  | 7 |  | 18 |  |  |  |  |
|  |  | 20 | 33 |  |  |  |  |
| -2 | 4 |  |  |  |  |  |  |
|  | 10 |  | 19 |  |  |  |  |
|  |  |  |  |  | 6 |  | 15 |

(a) Milly think that 70 is in the Fibonaccilike sequence that starts $6,10,16,26, \ldots$ Is Milly correct? Explain your answer.
(b) A Fibonacci-like sequence contains the third term 10. Suggest two possible sequences, and give their first five terms.
(c) The sum of the first three terms of a Fibonacci-like sequence is zero. What is the third term?
(d) The first two terms of a Fibonacci-like sequence are $a$ and $2 a$. Find the next five terms of the sequence.

Determine whether each of these sequences is a Fibonacci-like sequence.
(a) $1,1,2,3,5,8,13, \ldots$
(b) $1,2,3,6,11,20,37, \ldots$
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Fill in the missing terms in each of these Fibonacci-like sequences.

| 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 3 |  |  |  |  |  |  |
| 2 | 7 |  |  |  |  |  |  |
|  | 5 | 7 |  |  |  |  |  |
|  | 7 |  | 18 |  |  |  |  |
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