

## Fibonacci Fun

A Fibonacci-like series can start with any two numbers and follows the same pattern of adding them to get the next term, for example: 11 30 41 71 ... and so forth.

- a) Start with any two numbers of your choice. Carry out the series to at least 25 terms.
- b) What is the ratio of the 24th term to the 23rd term? What is its significance?
- c) What is the inverse to this ratio and what is its significance?
- d) Apply SDQ (single digit quality) to your series. Do you notice any patterns?
- e) Answer a) through d) with other sets of starting numbers that you might deem interesting. Be creative.