



## Let's Solve Some Problems!

### Addendum re Fibonacci Sequence in Problem #1

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During our session, the question was asked about how one could justify why the extension of Problem #1 leads to the Fibonacci sequence. I have a short video about this that you can find in the following way:

1. Go to [cemc.uwaterloo.ca/courseware](http://cemc.uwaterloo.ca/courseware).
2. Choose *Problem Solving and Mathematical Discovery* in the table.
3. Choose *A journey through one problem* in the middle of the screen.
4. Choose *Problem 3* from the left-hand bar.

Some of the notation is a bit sophisticated (e.g. the use of functions), but the main part of the explanation should be laid out well for this. Enjoy!