Is there a specific number of terms we should be able to calculate? For some reason, my code
seg faults if the number is greater than 2516, but works fine with any value below.

Previously I had issues with returning int values instead of reals, so I casted a few values as real.
I've since fixed that issue and I deleted a few of these (real) calls, which upped the ceiling from
1792 to 2516.

Any ideas as to what might be causing this?