

The sum of the squares of three consecutive odd numbers is a four-digit number whose digits are identical. Compute this number.

What is Euler's Equation?

Special Scavenger Hunt (SH × 4)

Make a poster about a theorem or pattern in the Fibonacci numbers. Your poster must include:

1. A statement of the theorem.
2. Illustrative examples
3. An actual proof of the theorem using induction.

It should be easy to read, visually interesting, and include diagrams or pictures as appropriate. (Don't include a picture of a sunflower/pineapple/other Fibonacci plant unless your poster is about why the seeds do that.)

Tip: google up “Fibonacci identities” and see what you find.

Due: Thursday, November 6.