

Re: Special primes

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For every prime numbers m and n , with n and m consecutive and $n < m$, we have $m^2 - n^2$ ending with only 0, 2 or 8.

The only digit ending two consecutive ' $m^2 - n^2$ ' is 0... and if you suppress the numbers ' $m^2 - n^2$ ' with 0 as last digit you see a suite ' $m^2 - n^2$ ' ending with 2, 8, 2, 8, 2, 8, 2, 8, never two 2 or 8 consecutively... (verified for $5 < m < 10000$).

Funny no ?

Do you see a logic or a reason for that ?

Can you verify it automatically for greater primes ?

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