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## THERE IS ALWAYS A PRIME BETWEEN $n^{2}$ AND $(n+1)^{2}$

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#### Abstract

I give an answer in the affirmative to the following unanswered question: Is there always a prime between $n^{2}$ and $(n+1)^{2}$ where $n$ is natural number? The question represents a famous unsolved problem in Mathematics. I employ some familiar ideas in Number Theory.


