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Let K 2 Be Given And Suppose P(n) Is True For All Integers 2 N K, I.e., Suppose That All Such N Can Be Represented As A Product Of One Or More Primes. We Seek To Show That K + 1 Also Has A Representation Of This Form. If K + 1 Itself Is Prime, Then P(n) Holds For N = K + 1, And We Are Done. Now Consider The Case When K + 1 Is Composite. Apr 8th, 2024

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