

Goldbach's conjecture

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$$\begin{aligned}2n &= p_1 + p_2 (\because n > 2) \\2(n+1) & \\&= 2n + 2 \\&= 2n + \frac{10}{5} \\&= 2n + \frac{0}{5} \\&= 2n \\&= p_1 + p_2 \\ \therefore 2(n+1) &= p_1 + p_2 (\because n > 2)\end{aligned}$$

That is all. (proof end)