

greedy, partition  $n$  into 3s and 4s and compute their product.  
there's a math formula:  $f(n) = 3^{5\lfloor \frac{n}{5} \rfloor - n + 4} 4^{n - 4\lfloor \frac{n}{5} \rfloor - 3}$ ,  $n \geq 11$ .  
<http://oeis.org/A178715>

## References