

Every odd number (1, 3, 5, 7) can be imagined as "pairs" with one leftover block.

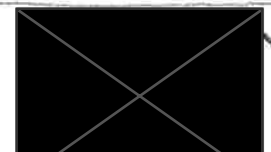
- 1 = (1 leftover)
- 3 = [2] + (1 leftover)
- 5 = [4] + (1 leftover)
- 7 = [6] + (1 leftover)

When we choose 10 of these numbers, we get 10 leftover blocks. Since 10 is an even number, these 10 leftover blocks can all pair up perfectly, with each other!

This means the total sum will always have zero leftovers, making the final answer an even number.

It is impossible to make 37 using 10 of 1, 3, 5, 7.

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Y4C

Odd numbers always have on leftover dot. (●).

For example, if we choose numbers like 3 and 5:

3 → ●●● (1 leftover)

5 → ●●●●● (1 leftover)

Every time we pick a number, we get 1 leftover dot. If we do this ten times, we get exactly 10 leftover dots:



Since 10 is an even number, they can all pair up perfectly:

(●+●) (●+●) (●+●) (●+●) (●+●)  
No leftovers left!

Therefore, the final total is ALWAYS an EVEN number. We can never make 37 (an odd number).