Problem of the Week
Problem C
Missing the Fives I

Bobbi lists the positive integers, in order, excluding all multiples of 5. Her resulting list is

$$1, 2, 3, 4, 6, 7, 8, 9, 11, 12, 13, 14, 16, 17, \ldots$$

How many integers has Bobbi listed just before she leaves out the 2023rd multiple of 5?