

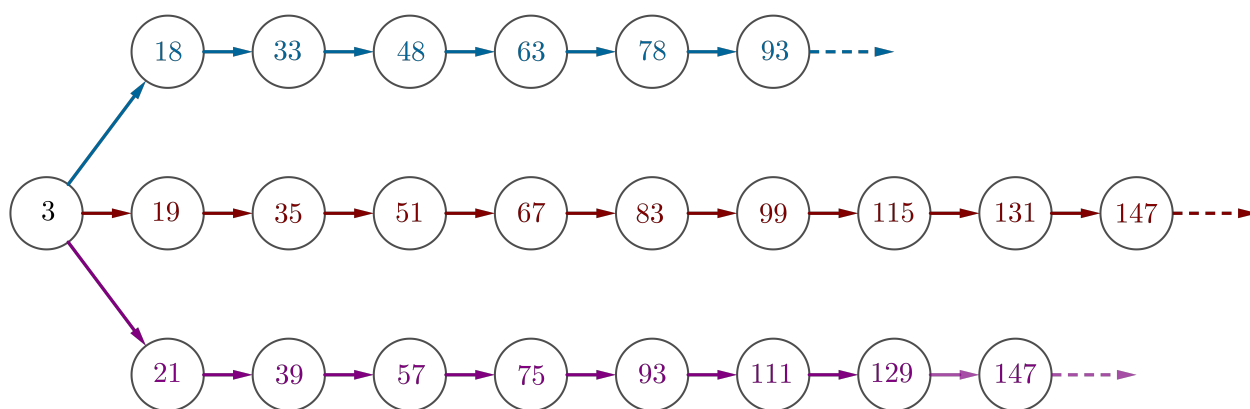


## Problem of the Week

### Problem D

#### Three Sequences

Three sequences each have first term 3. In the first sequence, each term after the first term is 15 more than the previous term. In the second sequence, each term after the first term is 16 more than the previous term. In the third sequence, each term after the first term is 18 more than the previous term. The three sequences continue indefinitely.



Determine all numbers between 3 and 2025, inclusive, that are common to all three sequences.