

$$\text{addDivisor}(x, y) \begin{cases} \{\}, & \text{if } x == y \\ \{y\} + \text{addDivisor}(x, y+1), & \text{if } x \% y == 0 \\ \text{addDivisor}(x, y+1), & \text{if } x \% y \neq 0 \end{cases}$$

$$\text{getAllDivisors}(x) \begin{cases} \{1\}, & \text{if } x == 1 \\ \{x\} + \text{addDivisor}(x, 2) \end{cases}$$

$$\text{addDivisorAfterElements}(l_1, l_2, \dots, l_n) \begin{cases} \emptyset, & \text{if } n = 0 \\ \text{getAllDivisors}(l_1) + \text{addDivisorAfterElement}(l_2, l_3, \dots, l_n), & \text{if } n > 0 \end{cases}$$

$$\text{solveHeterogeneousList}(l_1, l_2, \dots, l_n) \begin{cases} \{\}, & \text{if } n = 0 \\ \text{addDivisorAfterElements}(l_1) + \text{solveHeterogeneousList}(l_2, l_3, \dots, l_n), & \text{if } l_1 \text{ is a list} \\ \text{getAllDivisors}(l_1) + \text{solveHeterogeneousList}(l_2, l_3, \dots, l_n), & \text{if } l_1 \text{ is not a list} \end{cases}$$