Pb 11.

1. Replace all occurrences of an element from a list with another element e.

Mathematical model:

replace(l1 .. ln, E1, E2) =

1. For a heterogeneous list, formed from integer numbers and list of numbers, define a predicate to determine the maximum number of the list, and then to replace this value in sublists with the maximum value of sublist.

Mathematical model:

max\_number(a,b) =

maxim\_list(l1 .. ln) =

heterList(l1 .. ln, m) =

main(l1 … ln) = { heterList(l1 .. ln, maxim\_list(l1 .. ln))