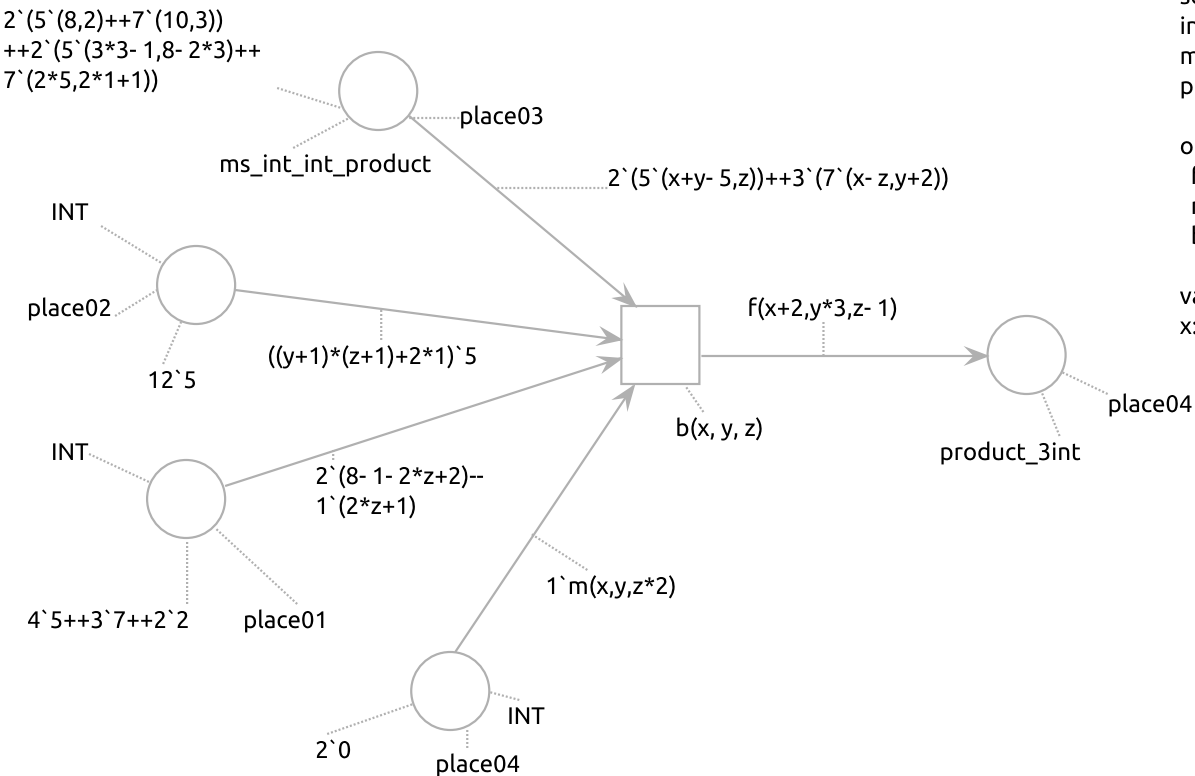


sorts
 $\text{int_int_product} = (\text{INT} * \text{INT}),$
 $\text{ms_int_int_product} = \text{MS}(\text{int_int_product}),$
 $\text{product_3int} = (\text{INT} * \text{INT} * \text{INT});$

ops
 $f(m:\text{INT}, n:\text{INT}, k:\text{INT}) = 2^k(k*2, n+1, m-4),$
 $m(x:\text{INT}, y:\text{INT}, z:\text{INT}) = x * y - z*3,$
 $b(x:\text{INT}, y:\text{INT}, z:\text{INT}) = (x > 6 \text{ or } y < 2) \text{ and } z \neq 3;$

vars
 $x:\text{POS}, y:\text{POS}, z:\text{POS};$



product_3int

place04