Exercise (Post computation)
Give sets of Post productions which achieve the following:

1. compute the function $\text{double}(x) = 2x$
2. decide the predicate $M(x) =$ "x is even"
3. compute the product, $\text{prod}(x, y) = x \cdot y$
4. compute the asymmetric difference $\text{ad}(x, y)$