

entry:
 $c = tid \% 2$
 $(c == 0) ?$

then:
 $m = tid * 1000$
 $a = tid + 1$

else:
 $m1 = tid * 2000$
 $a1 = tid + 2$
 $p = \text{read}()$
 $p1 = p * a1$

newBB:
 $P = \text{phi}(m, m1)$
 $P1 = \text{phi}(a, a1)$
 $P2 = \text{phi}(\text{undef}, p1)$
 $d1 = \text{divide}(P, P1)$

else.a:
 $\text{print}(P2)$

end:
 $\text{print}(d1, d2)$

