③ A: $N_A = 100$
$CPI_A = 1,2$
$t_{CPU_A} = 2 \cdot 10^9$

B: $N_B = 120$
$CPI_B = 1,5$
$t_{CPU_B} = 2,2 \cdot 10^9$

$MIPS_A = \frac{2 \cdot 10^9}{1,2 \cdot 10^2} = 1666,7$

$MIPS_B = \frac{2,2 \cdot 10^9}{1,5 \cdot 10^6} = 1466,7$

$CPU_{czas\ A} = \frac{100}{1666,7} = 0,0599s$

$CPU_{czas\ B} = \frac{120}{1466,7} = 0,0818s$

A jest lepszy

④ S1: $10 \cdot 10^3$ EUR

S2: $15 \cdot 10^3$ EUR

P	S1	S2
1	10s	5s
2	3s	4s

a) S1: $\frac{10\,000\ EUR}{10s} = 1000\ EUR/s$

S_2 $\frac{15000}{5s} = 3000\ EUR/s$

O: S1

b) Zmaglijenje: S2 ($P_1 + P_2 = 9s$)

minimum: S1: $\frac{10000}{13} = 769\ EUR/s$

S2: $\frac{15000}{9} = 1666\ EUR/s$

c) S1:
$t_{P1} = 200 \cdot 10 = 2000$
$t_{P2} = 1600$

$N_{P1} = 200$
$NP_2 = 1600/3 = 533$

$\frac{10000}{733} = 13,6\ EUR/1200130$

S2:
$t_{P1} = 1000s$
$t_{P2} = 2600s$

$N_{P1} = 200$
$N_{P2} = 2600 / 4 = 650$

$\frac{15000}{850} = 17,64\ EUR/1200130$

Zmaglenje: S2

minimalizacija: S1