```
3.

(A) MRA = (10 - 29 h

MRy: Fo-793

M(= 20

Th = 60x40+50x30-2. (40+30)

= >50x-PS

TS=1250(2500=3750

CS=CSA+CSp=800+450=1251

(B) Q-9a+9b=180-2P

[1=100-9a 71.7TR-TC

[p=50x9p=190-0.50-20 CsA-10-125

C)

TU-2Ft (P-20) (9A+9b)

=-P3+60P+2Fr = 1200

P=10 F120 9=120 TC-3700
```