```
#$\(\text{ii}\) CPI: CPI = \frac{45\,000}{45\,000 + 75\,000 + 8000 + 1500} \times 1 + \frac{75\,000}{45\,000 + 75\,000 + 8000 + 1500} \times 2 + \frac{8000}{45\,000 + 75\,000 + 8000 + 1500} \times 4 + \frac{1500}{45\,000 + 75\,000 + 8000 + 1500} \times 2
= 1.78
MIPS: MIPS = \frac{400}{1.78} = 224.7
\frac{45\,000 \times 1 + 75\,000 \times 2 + 8000 \times 4 + 1500 \times 2}{400 \times 106} = 5.75 \times 10^{-4} \text{ S}
```

1)
$$\frac{1}{1}$$
 $\frac{1}{1}$ = 2 $\frac{1}{1}$ $\frac{1}{1}$ = 2 $\frac{1}{1}$ $\frac{1}{1}$ = 1.33 $\frac{1}{1}$ $\frac{1}{1}$ = 3.33 $\frac{1}{1}$ $\frac{1}{1}$ = 4
2) $\frac{1}{1}$ $\frac{1}{1}$ = 2 $\frac{1}{1}$ $\frac{1}{1}$ = 1.06
 $\frac{1}{1}$ $\frac{1}{1}$ = 1.09
 $\frac{1}{1}$ $\frac{1}{1}$ = 1.09
 $\frac{1}{1}$ $\frac{1}{1}$ = 1.09
 $\frac{1}{1}$ $\frac{1}{1}$ = 1.37
 $\frac{1}{1}$ $\frac{1}{1}$ = 1.37
 $\frac{1}{1}$ $\frac{1}{1}$ = 1.4
 $\frac{1}{1}$ = 1.14
 $\frac{1}{1}$ = 1.14