

$$\hat{u} = \frac{a_{ySS}}{2} \cdot c_y = \frac{6 \text{ DIV}}{2} \cdot 1 \frac{\text{V}}{\text{DIV}}$$

$$\hat{u} = 3 \text{ V}$$

$$u_{\text{eff}} = \frac{\hat{u}}{\sqrt{2}} = \frac{3 \text{ V}}{\sqrt{2}}$$

$$\underline{u_{\text{eff}} \approx 2,12 \text{ V}}$$

$$T = a_t \cdot c_t = 8 \text{ DIV} \cdot 0,5 \frac{\text{ms}}{\text{DIV}}$$

$$\underline{T = 4 \text{ ms}}$$

$$f = \frac{1}{T} = \frac{1}{4 \text{ ms}}$$

$$\underline{f = 250 \text{ Hz}}$$

$$c) \quad T = a_t \cdot c_t \quad | \quad T = \frac{1}{f}$$

$$\frac{1}{f} = a_t \cdot c_t \quad | : a_t$$

$$\underline{\frac{1}{f \cdot a_t} = c_t}$$

$$\frac{1}{0,5 \text{ ms} \cdot 10 \text{ DIV}} = 0,2 \frac{\text{ms}}{\text{DIV}} \approx \underline{\underline{200 \frac{\text{ms}}{\text{DIV}}}}$$

$$\frac{1}{1 \text{ ms} \cdot 10 \text{ DIV}} = 0,1 \frac{\text{ms}}{\text{DIV}} \approx \underline{\underline{100 \frac{\text{ms}}{\text{DIV}}}}$$

$$\frac{1}{10 \text{ ms} \cdot 10 \text{ DIV}} = 0,01 \frac{\text{ms}}{\text{DIV}} \approx \underline{\underline{10 \frac{\text{ms}}{\text{DIV}}}}$$