

Student 1 – name and surname

Student 2 – name and surname

Group

Table no. Date

Worksheet laboratory 7

rev. 1e

1. a) $V_{DC} = E_{\text{power supply}} =$

b) $R_1 =$ $C_1 =$

d) $f =$

2.

a) $C_X =$

<i>Measuring method</i>	T₁	T₂	T
Reading on the screen			
Using the time cursors			
Using the Measure menu	-	-	

b) $f_{\text{meas}} =$ $f_{\text{calc}} = 1/T =$

$R_2 =$ $f_{\text{theoretical}} =$

$\varepsilon_{f \text{ meas}} =$ [%] $\varepsilon_{f \text{ calc}} =$ [%]

c)

definition $\eta =$ $T_1/T_2 =$

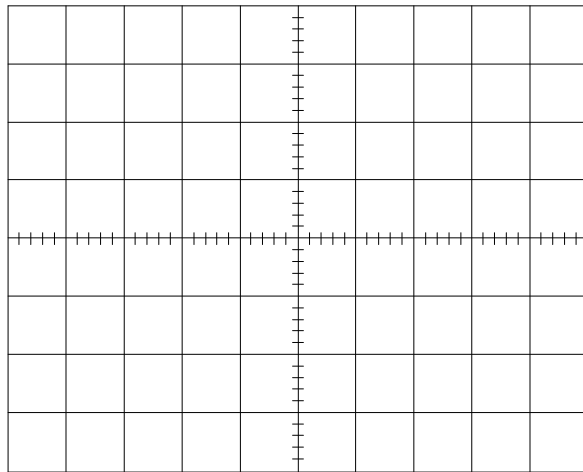
measured: $T_1 =$ [div] $T_2 =$ [div] $R_2 =$

$\eta_{(3)} =$

$T =$ $f =$

d) t_{rise} or $t_{\text{fall}} =$

2
3.



a) $C_X =$

$C_{Y1} =$

$U_{PP3} =$ [div] $U_{PP3} =$ [V]

$C_{Y2} =$

$U_{PP2} =$ [div] $U_{PP2} =$ [V]

Draw the zero levels!

b) $U_{DC3 \text{ osc}} =$

$U_{DC3 \text{ V-meter}} =$

c) the schematic of the divider:

nominal: $R_A =$

$R_B =$

measured: $R_A =$

$R_B =$

$K_{\text{theoretical}} =$

$U_{i \text{ PP}} =$ [V]

$U_{o \text{ PP}} =$ [V]

$K_{\text{meas}} =$

$\varepsilon_{K \text{ meas}} =$