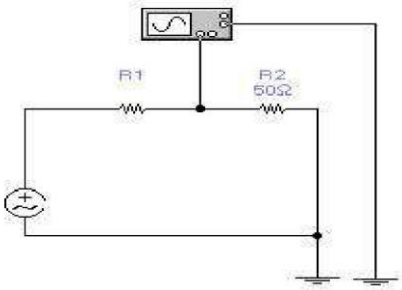
Ime i prezime:	MJERENJE NAPONA POMOĆU OSCILOSKOPA (Multisim 10)	L.V. 12
Razred:		Datum:

1. ZADATAK

Spojiti izvor izmjeničnog napona i katodni osciloskop prema shemi. Na izvoru izmjeničnog napona podesiti sinusni oblik napona na U=55.5;122.5;222.2;(broj u imeniku:_____) V i frekvencije 50;120;10000 Hz. Izmjeri pad napona na otporniku R1=_____Ω,R2=50 Ω .

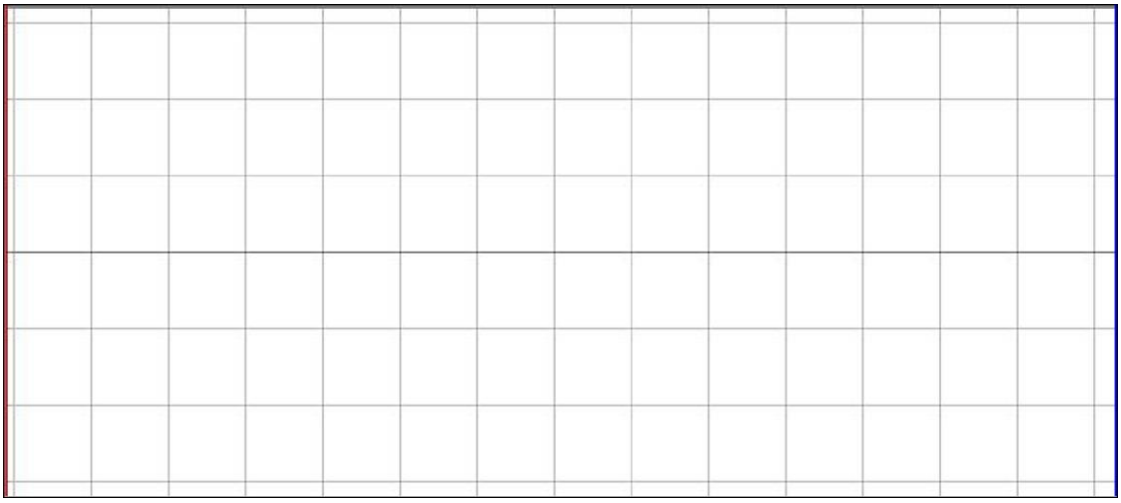
Na zaslonu osciloskopa podesiti signal tako bude vidljiv u cijelosti(mijenjajući konstante na osi X i Y).



2. ZADATAK

Katodnim osciloskopom izmjeriti tražene vrijednosti i nacrtati valni oblik na predložak rastera(na svaki raster 4 valna oblika).

a)



Sl1. Frekvencija 50 Hz

U=55.5 V;f=50 Hz;

ky=_____; Y=_____; Umax=_____; kx=_____; X=_____; T=_____;U=_____

U=122.5 V;f=50 Hz;

ky=_____; Y=_____; Umax=_____; kx=_____; X=_____; T=_____;U=_____

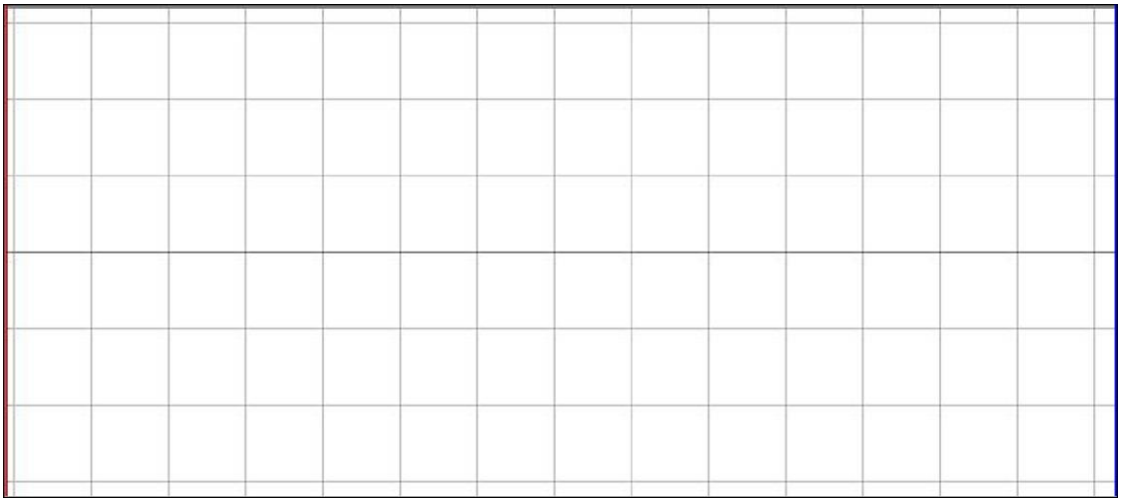
U=222.2V; f=50 Hz;

ky=_____; Y=_____; Umax=_____; kx=_____; X=_____;T=_____;U=_____

U=_____V; f=50 Hz;

ky=_____; Y=_____; Umax=_____; kx=_____; X=_____;T=_____ ;U=_____

b)



Sl 2. Frekvencija 120 Hz

U=55.5 V;f=120 Hz;

ky=_____; Y=_____; Umax=_____; kx=_____; X=_____; T=_____;U=_____

U=122.5 V;f=120 Hz;

ky=_____; Y=_____; Umax=_____; kx=_____; X=_____; T=_____;U=_____

U=222.2V; f=120 Hz;

ky=_____; Y=_____; Umax=_____; kx=_____; X=_____;T=_____;U=_____

U=_____V; f=120 Hz

ky=_____; Y=_____; Umax=_____; kx=_____; X=_____;T=_____;U=_____

c)

Sl 3. Frekvencija 10000 Hz

U=55.5 V;f=10000 Hz;

ky=_____; Y=_____; Umax=_____; kx=_____; X=_____; T=_____;U=_____

U=122.5 V;f=10000 Hz;

ky=_____; Y=_____; Umax=_____; kx=_____; X=_____; T=_____;U=_____

U=222.2V; f=10000 Hz;

ky=_____; Y=_____; Umax=_____; kx=_____; X=_____;T=_____;U=_____

U=_____V; f=10000 Hz;

ky=_____; Y=_____; Umax=_____; kx=_____; X=_____;T=_____;U=_____

12	DATUM	PREGLEDAO	OCJENA