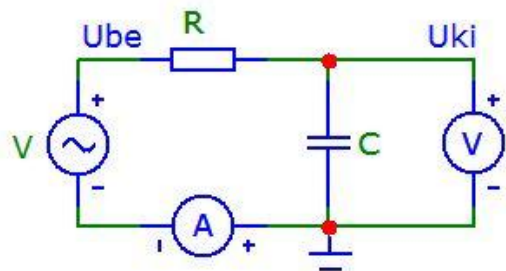




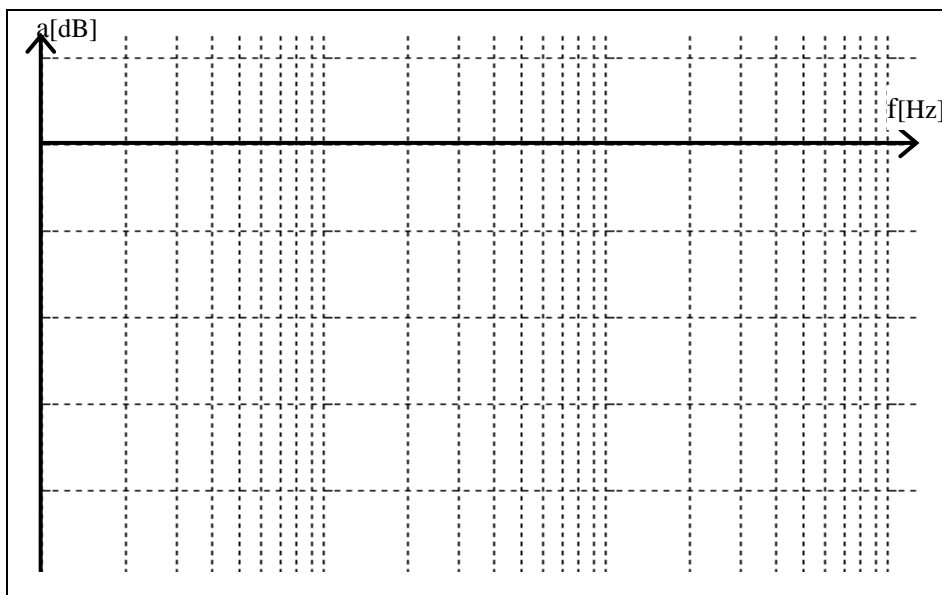
Név: Dátum:

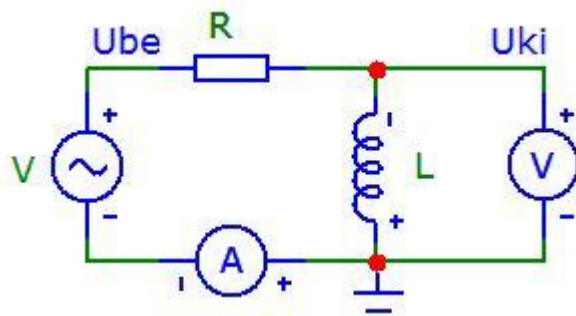
1. RC, RL szűrő szimulációja

Határozza meg tranziens analízissel a laborvezető által megadott RC és RL szűrők átviteli jellemzőit.

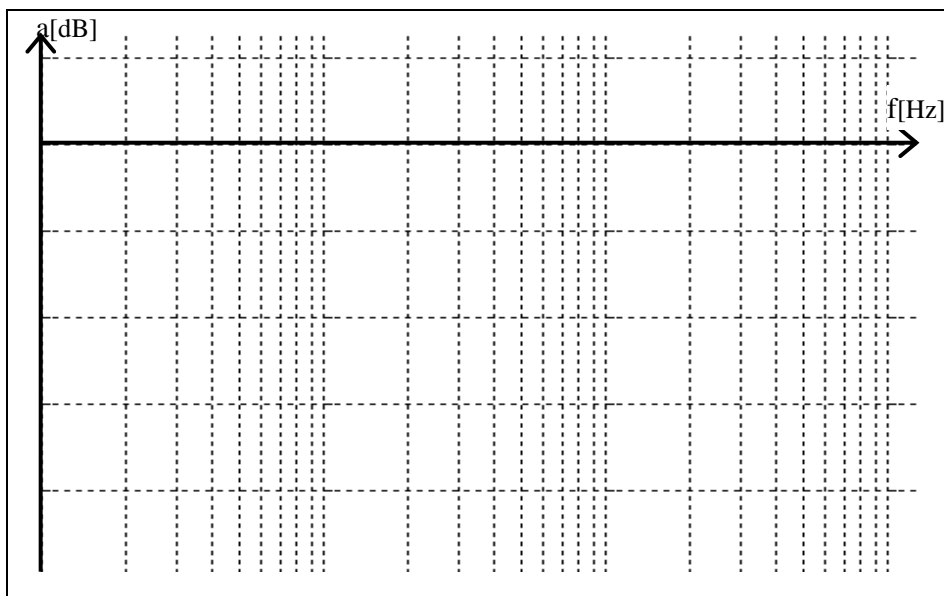


R=15 kΩ	U_{ki} [V]	U_{be} [V]	I [mA]	$Z_C = U_{ki}/I$	$a_u = U_{ki}/U_{be}$	$a_{u[dB]} = 20 \log A_u$ [dB]
5 Hz						
20 Hz						
70 Hz						
100 Hz						
400 Hz						
2 kHz						





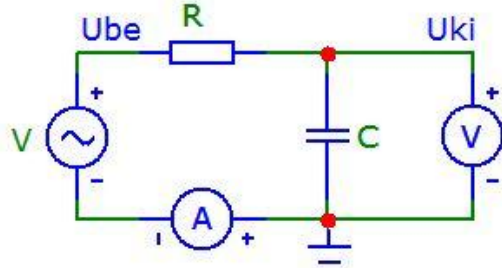
$R=9\text{ k}\Omega$	U_{ki} [V]	U_{be} [V]	I [mA]	$Z_C = U_{ki}/I$	$a_u = U_{ki}/U_{be}$	$a_{u[\text{dB}]}=20\log A_u$ [dB]
2 KHz						
6 KHz						
10 KHz						
20 KHz						
100 KHz						
300 KHz						



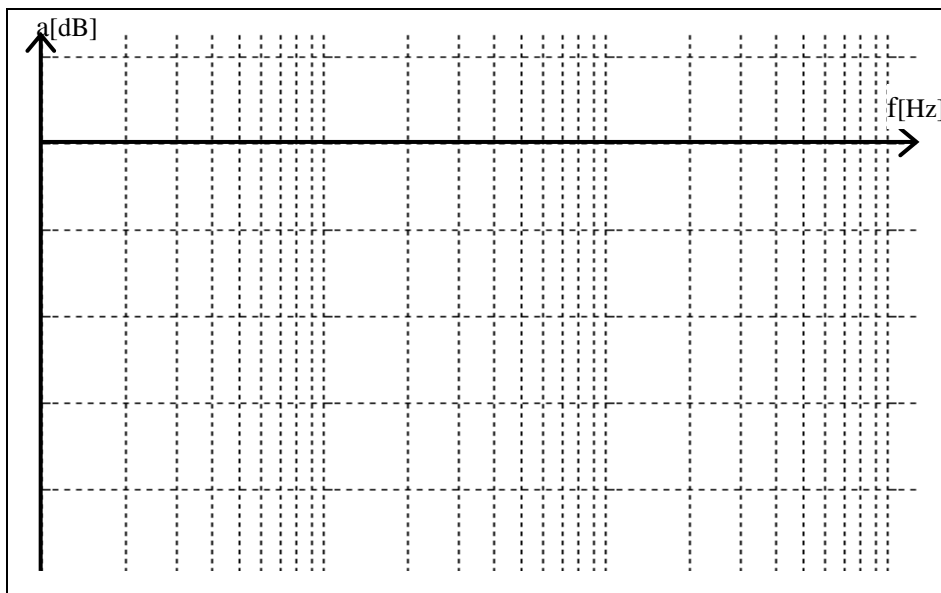


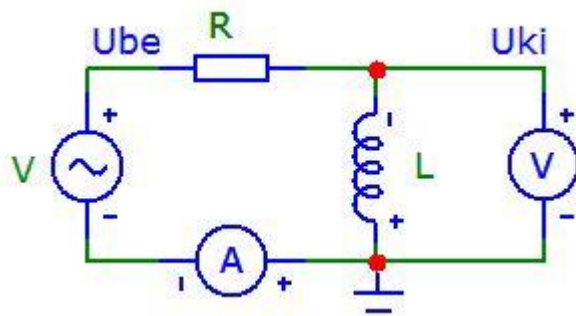
2. RC, RL szűrők mérése

Határozza meg méréssel a laborvezető által megadott RC és RL szűrők átviteli jellemzőit.



$R=15\text{ k}\Omega$	U_{ki} [V]	U_{be} [V]	I [mA]	$Z_C = U_{ki}/I$	$a_u = U_{ki}/U_{be}$	$a_{u[\text{dB}]}=20\log A_u$ [dB]
5 Hz						
20 Hz						
70 Hz						
100 Hz						
400 Hz						
2 kHz						





$R=9\text{ k}\Omega$	U_{ki} [V]	U_{be} [V]	I [mA]	$Z_C = U_{ki}/I$	$a_u = U_{ki}/U_{be}$	$a_{u[\text{dB}]}=20\log A_u$ [dB]
2 KHz						
6 KHz						
10 KHz						
20 KHz						
100 KHz						
300 KHz						

