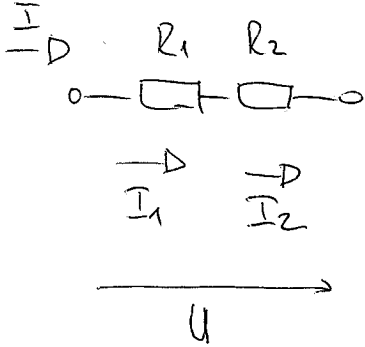


# ELLENÁLLÁS EREDEŐ

## SZÁMITÁS

### BEVEZETŐ

#### Soros kapcsolás

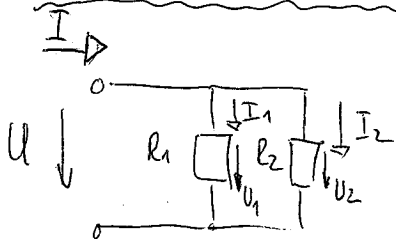


Tul: közös az ellenállások árama

$$I = I_1 = I_2$$

$$R_E = R_1 + R_2$$

#### Párhuzamos kapcsolás

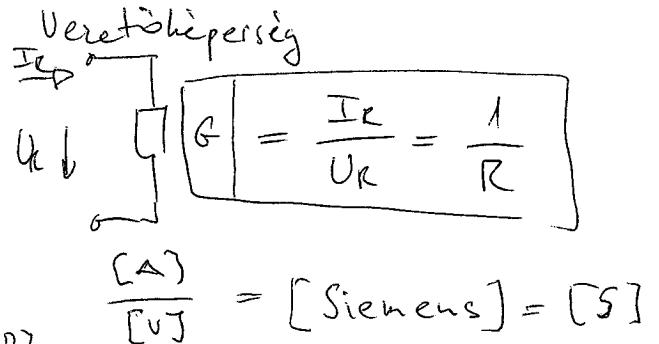
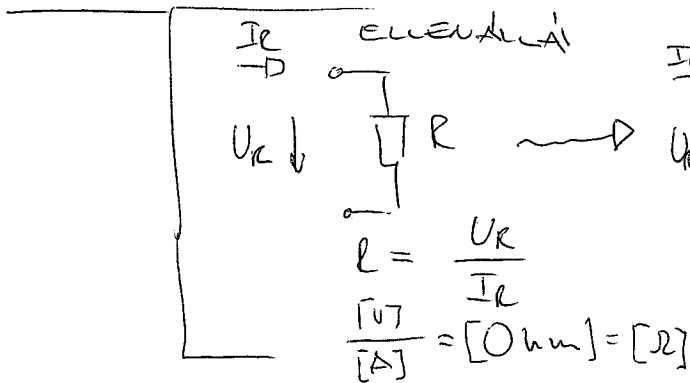


Tul: közös az ellenállások feszültsége

$$R_E = \frac{1}{\frac{1}{R_1} + \frac{1}{R_2}}$$

$$U = U_1 = U_2$$

#### Kifejezés



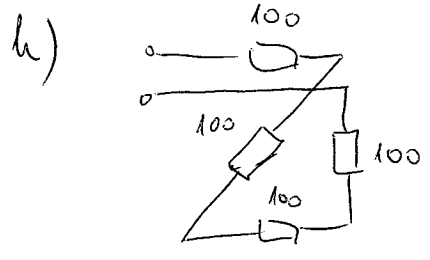
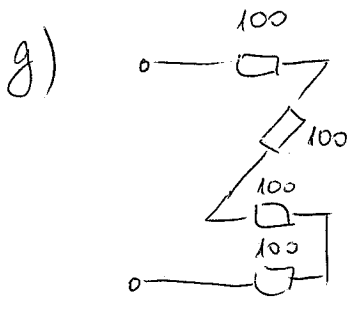
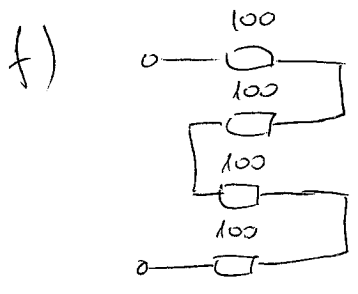
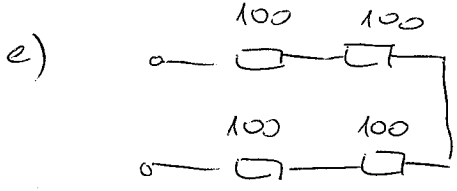
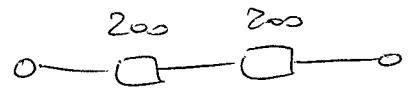
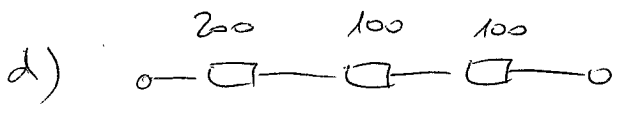
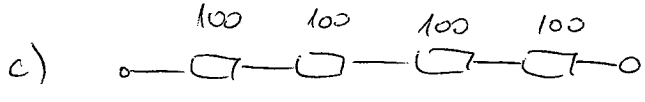
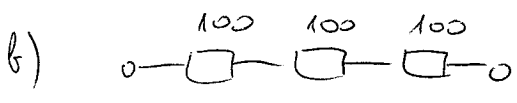
▽ párhuzamos ellenállások  
adódik össze

vezetőképesség

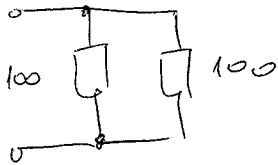
# FELADATOK

1. HATÁROZZA MEG AZ ELEDŐ

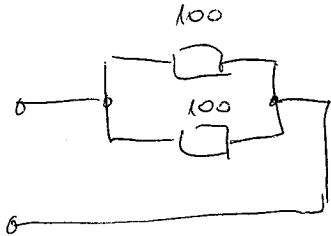
ELLENÁLLÁSOKAT!



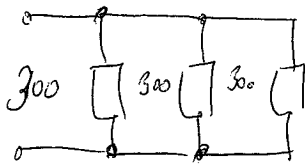
2) a)



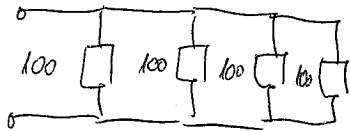
b)



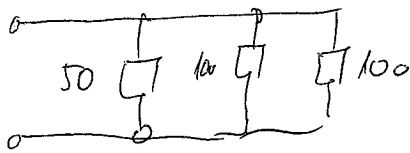
c)



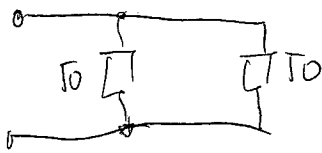
d)



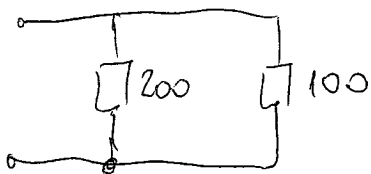
e)



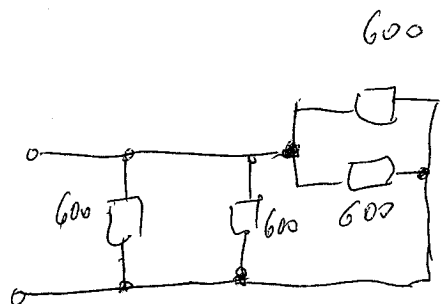
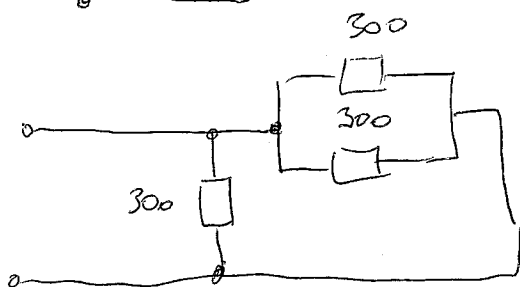
f)



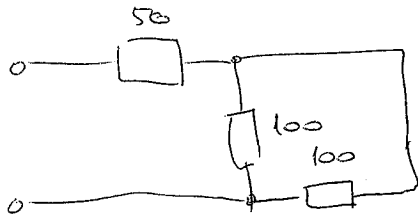
g)



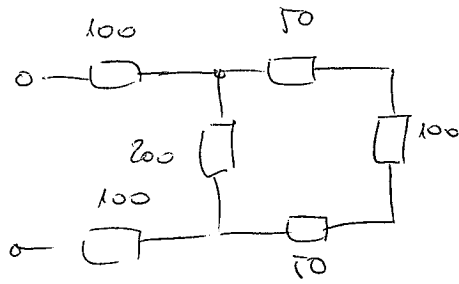
h)



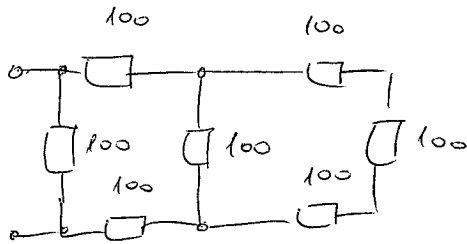
3) a)



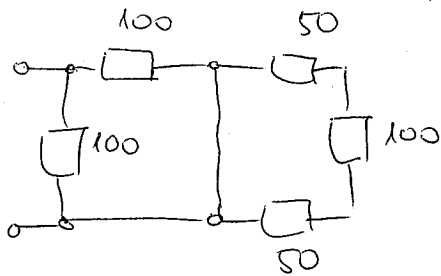
b)



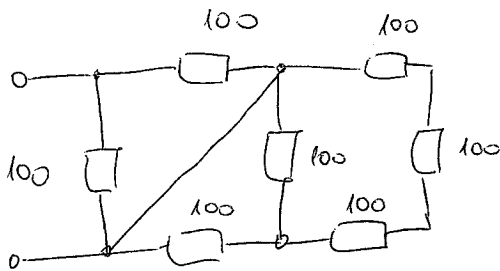
c)



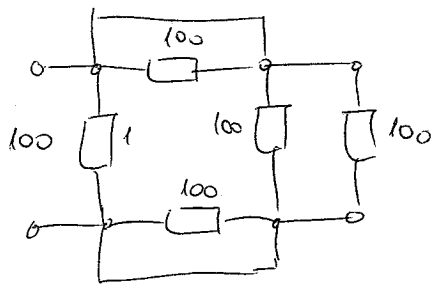
d)



e)



f)



g)

