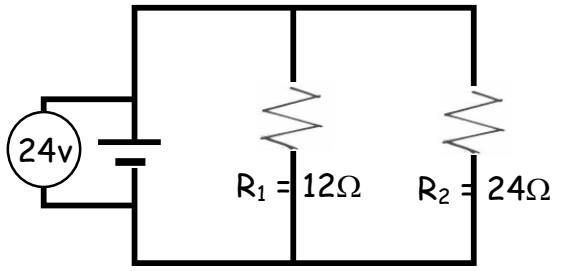
Worksheet: Parallel Circuit Problems - Episode904 Name _____

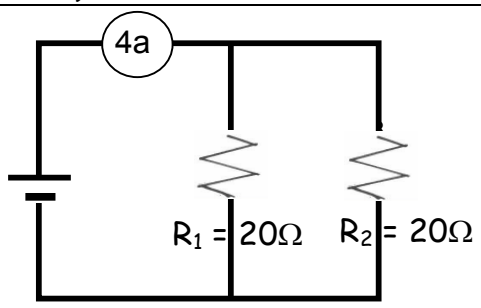
Remember that in a parallel circuit:

- the **current** in the branches of the circuit (is the same, adds up).
- the **voltage** drops across each branch (is the same, adds up to) the total voltage.
- to calculate total **resistance**, (add, use reciprocals).



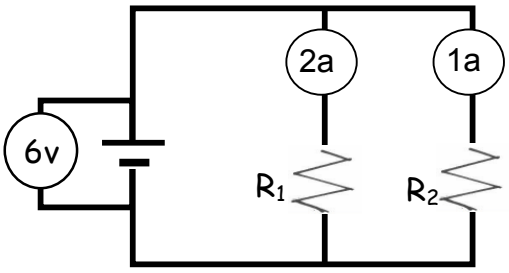
R_{eq} = _____ I_T = _____ V_1 = _____

V_2= _____ I_1 = _____ I_2 = _____



R_{eq} = _____ I_T = _____ V_T = _____

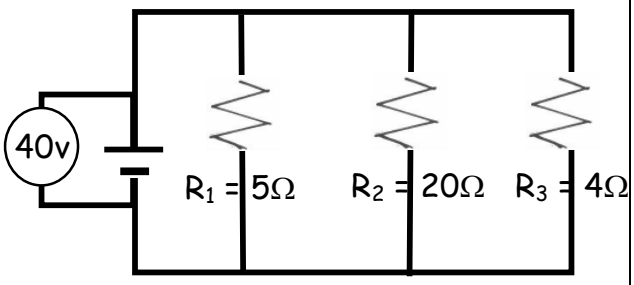
V_1 = _____ I_1 = _____ I_2 = _____



V_1 = _____ V_2= _____

R_1 = _____ R_2 = _____ R_{eq} = _____

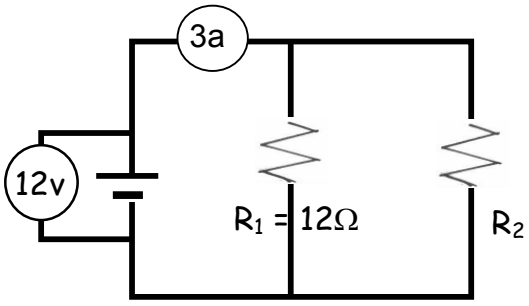
I_1 = _____ I_2 = _____ I_T = _____



R_{eq} = _____ I_T = _____

V_1 = _____ V_2 = _____ V_3 = _____

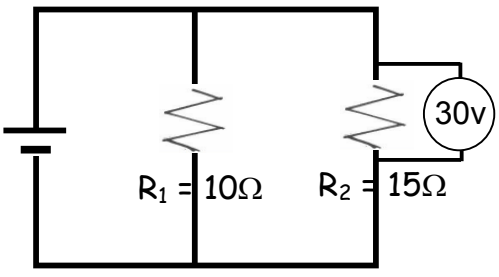
I_1 = _____ I_2 = _____ I_3 = _____



V_1 = _____ V_2= _____

I_T = _____ I_1 = _____ I_2 = _____

R_2= _____ R_{eq} = _____



V_1 = _____ V_T = _____

I_1 = _____ I_2 = _____

R_{eq} = _____ I_T = _____