The circuit on the right was created by applying source transformations to the circuit on the left.

Find the values of $V_a$ and $R_a$ .
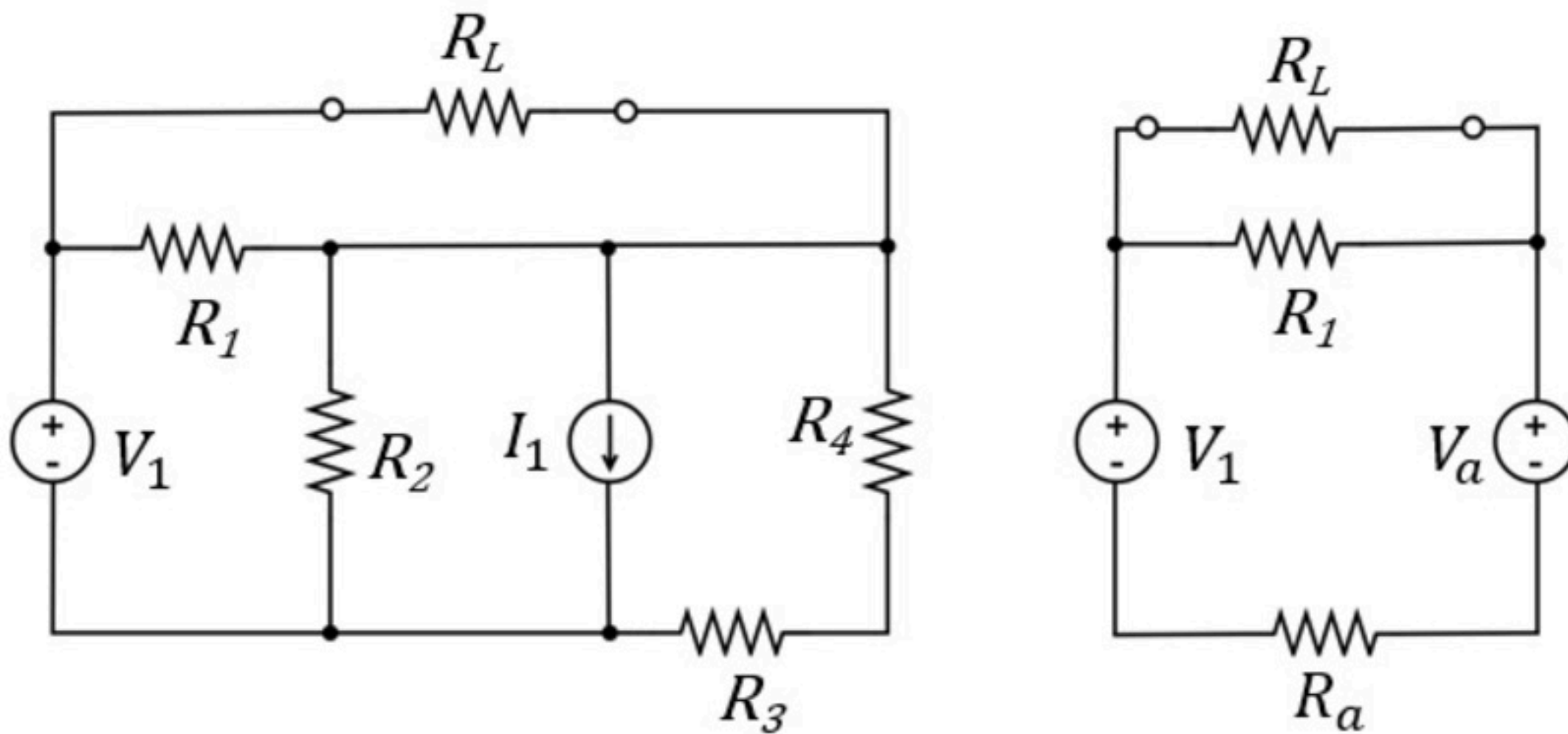


Given Variables:

V1 : 20 V

I1 : 2 A

R1 : 14 ohm

R2 : 6 ohm

R3 : 1 ohm

R4 : 11 ohm

Calculate the following:

Ra (ohm) :

Va (V) :

Hint: Make sure you use the correct transformations.