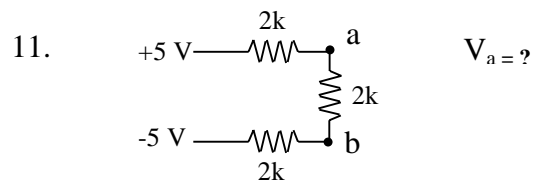
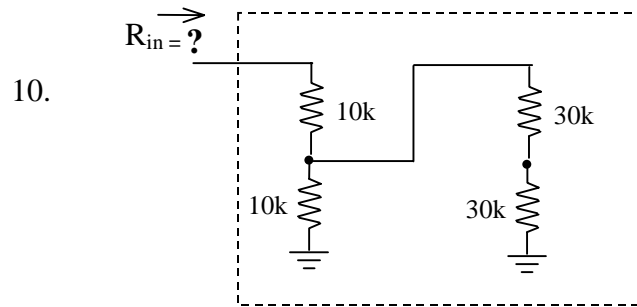
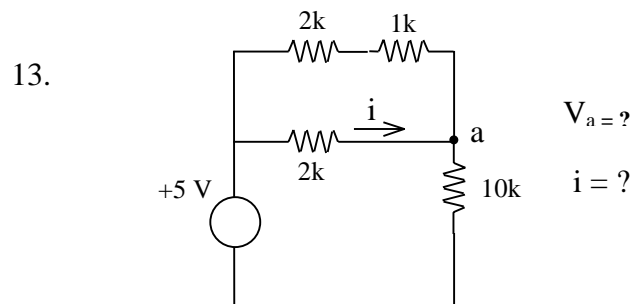


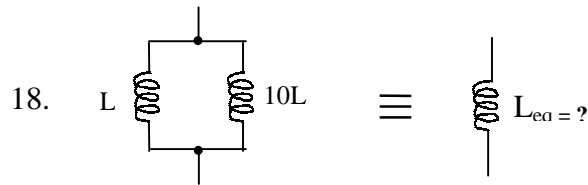
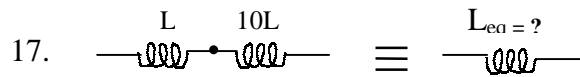
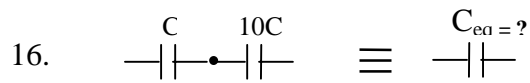
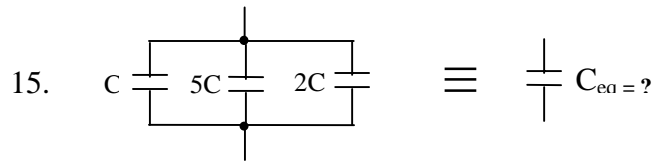
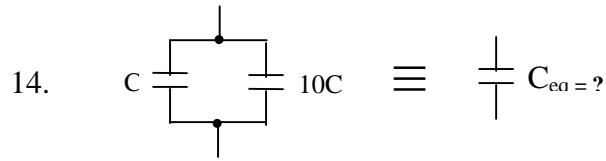
8. What is the name of the circuit in 7.?

9. What is the output impedance of the circuit in 7? (Hint: find the Thevenin model of the circuit)



12. Find the Thevenin equivalent circuit from 11, considering  $V_a$  as the Thevenin voltage.





19. If the Thevenin equivalent of circuit A is a 5 V source in series with a 800 kΩ resistor, and circuit B has an input impedance of 1 MΩ, what is  $V_a$ ? Draw the equivalent circuits, and show how you arrive at your answer.

