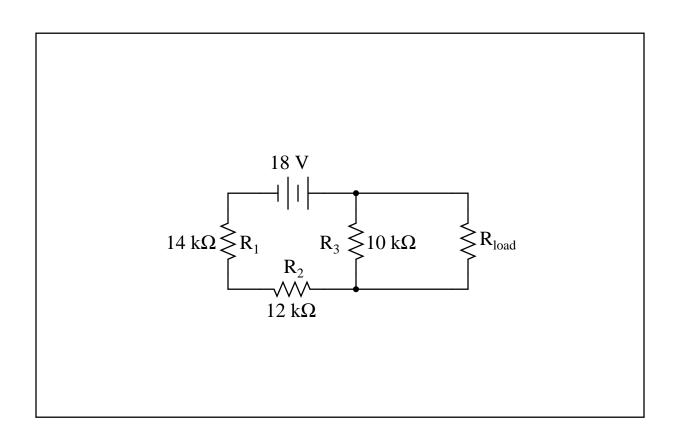
Question 1

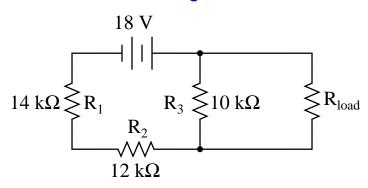
#### Animation: Applying Thévenin's theorem

This question consists of a series of images (one per page) that form an animation. Flip the pages with your fingers to view this animation (or click on the "next" button on your viewer) frame-by-frame.

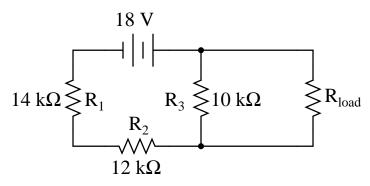
The following animation shows the steps involved in "Thévenizing" a circuit.



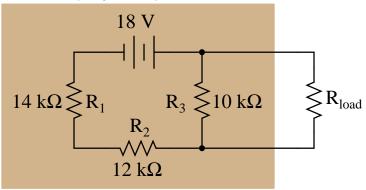
### This is our original circuit:



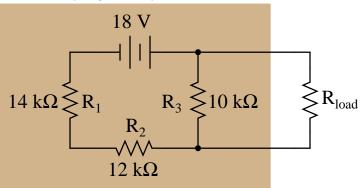
## We may use Thevenin's theorem to simplify this portion of the circuit . . .

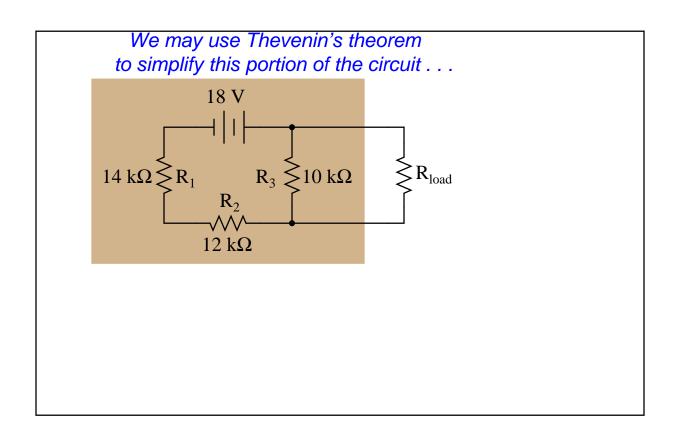


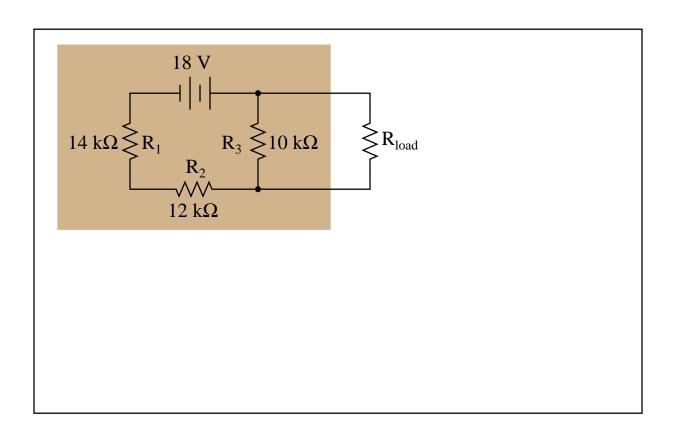
# We may use Thevenin's theorem to simplify this portion of the circuit . . .

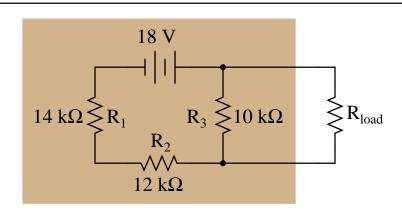


# We may use Thevenin's theorem to simplify this portion of the circuit . . .

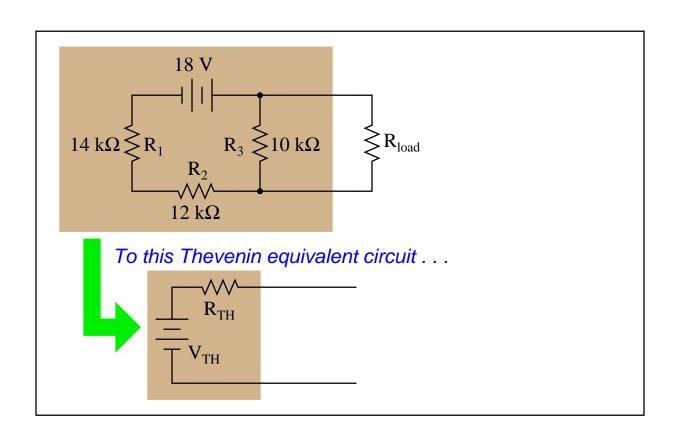


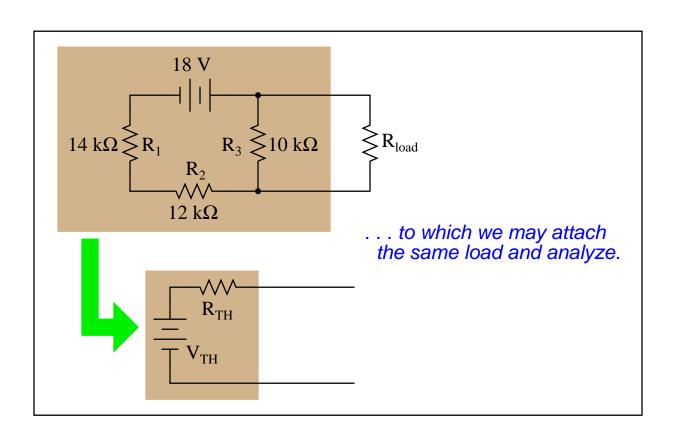


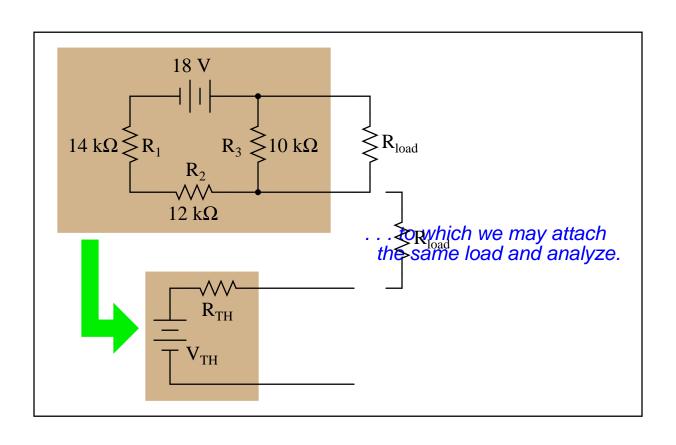


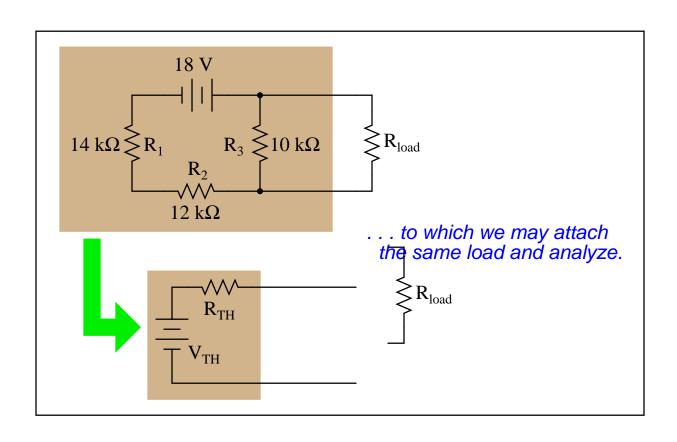


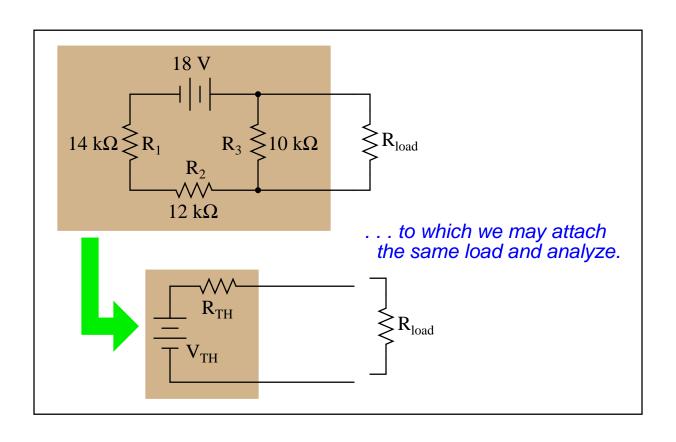
To this Thevenin equivalent circuit . . .

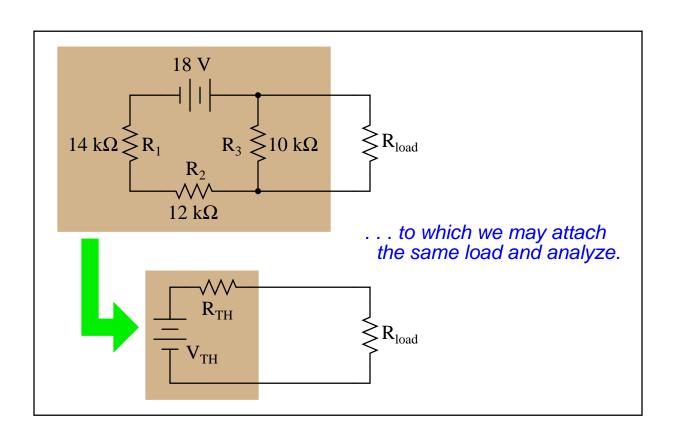


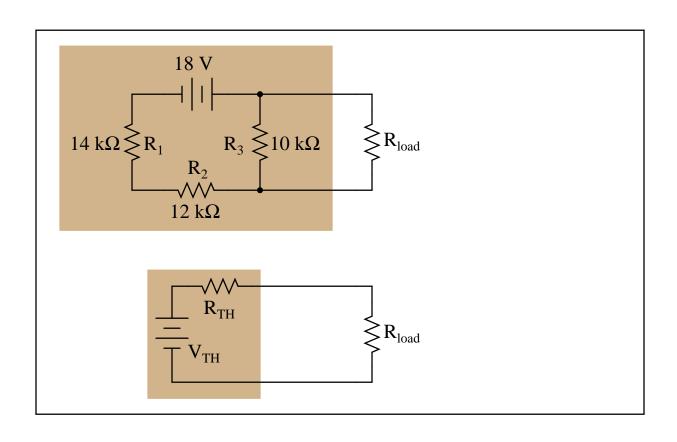


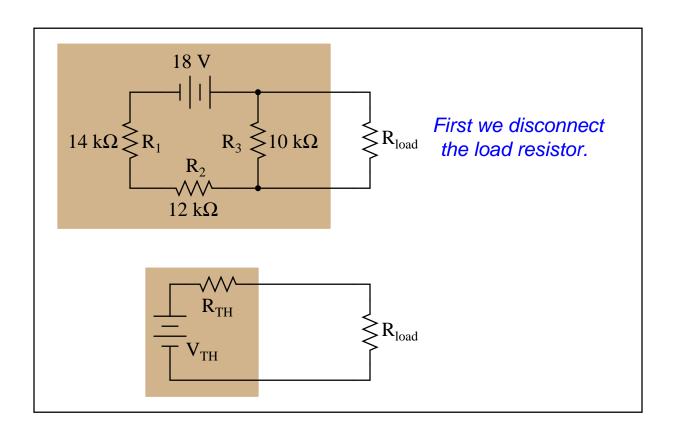


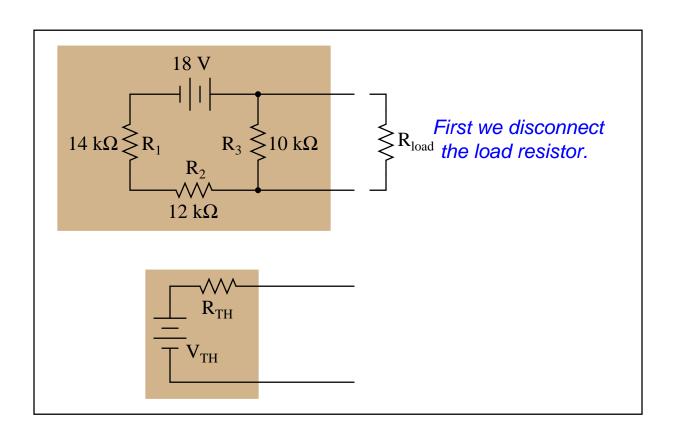


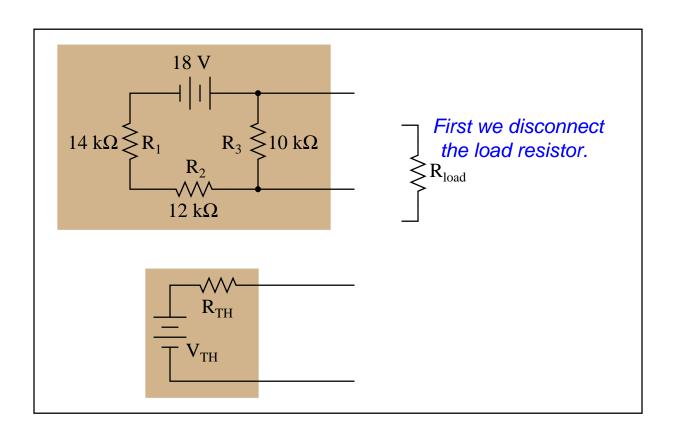


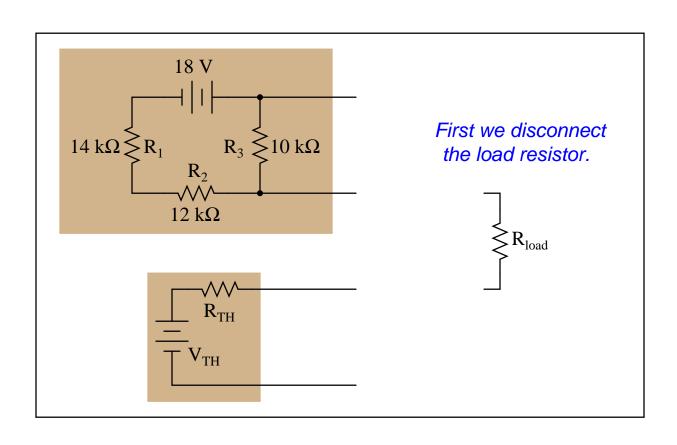


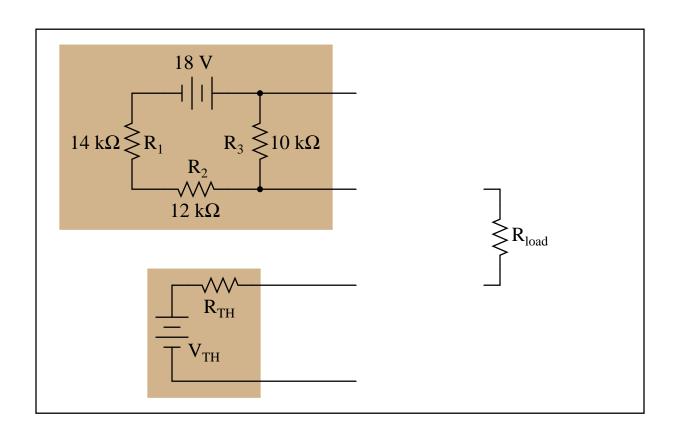


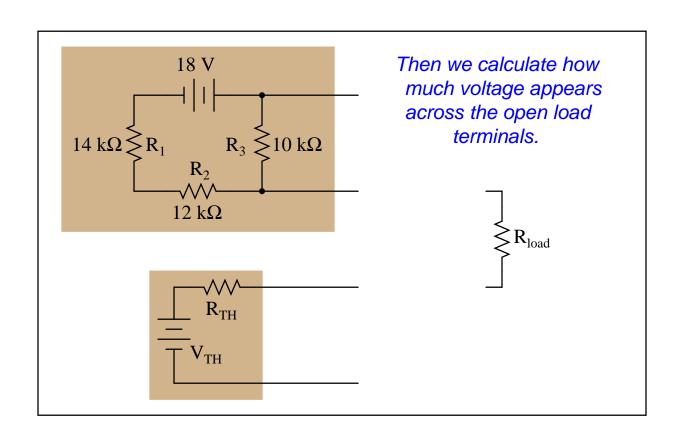


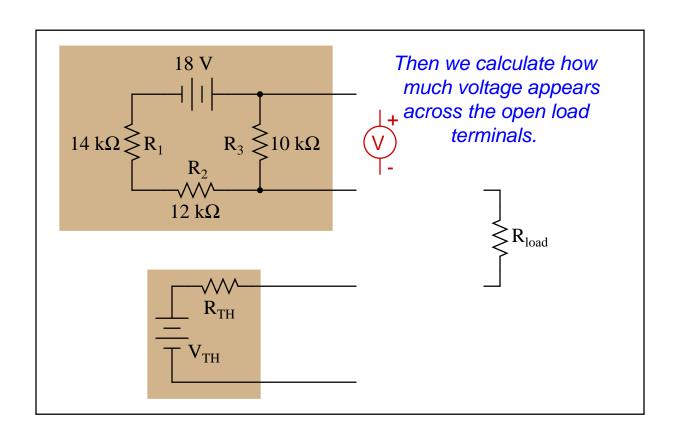


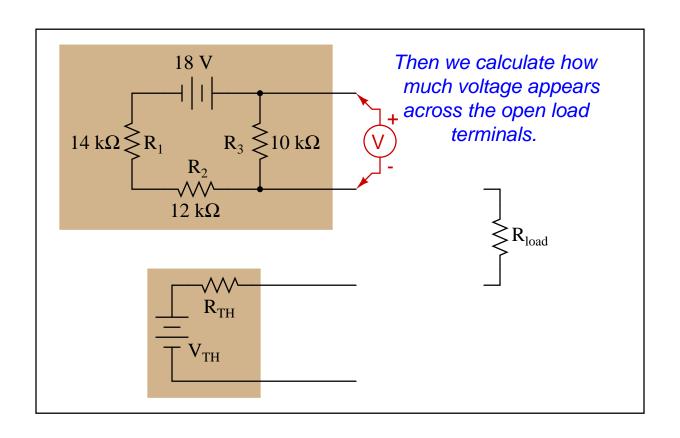


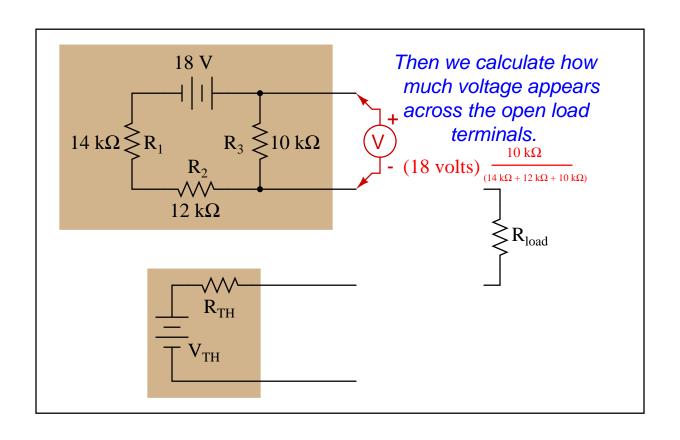


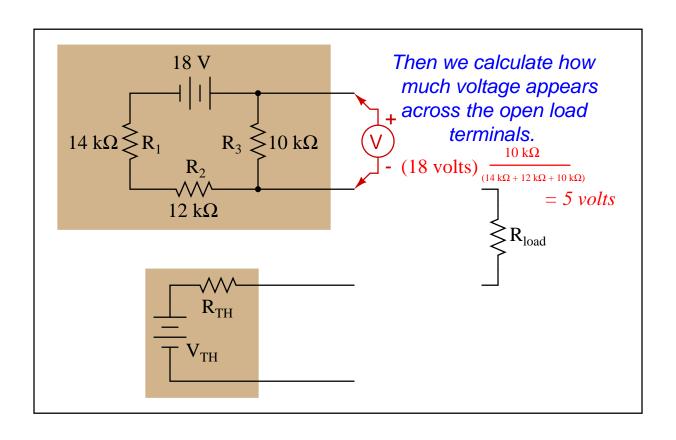


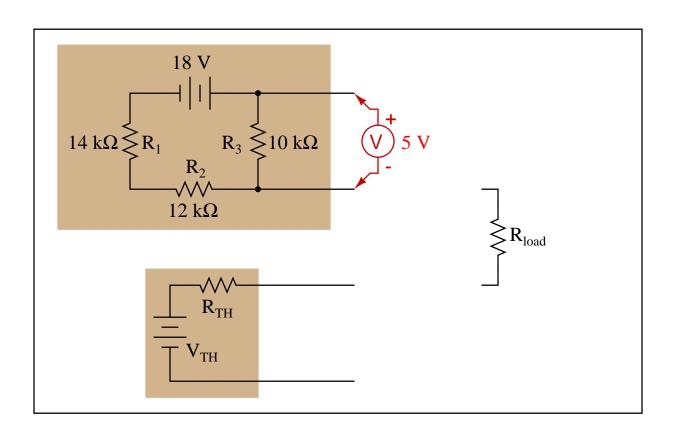


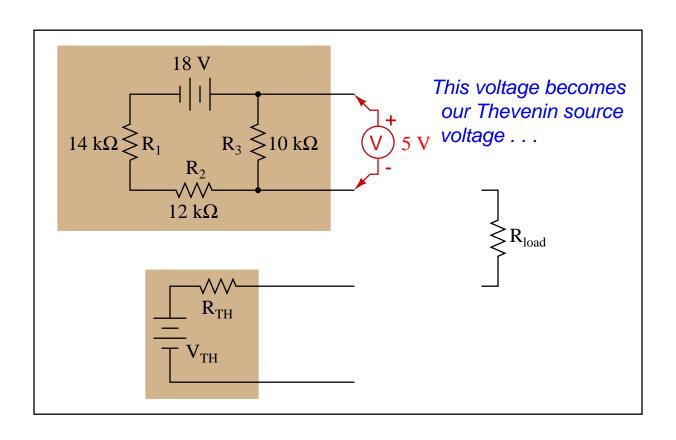


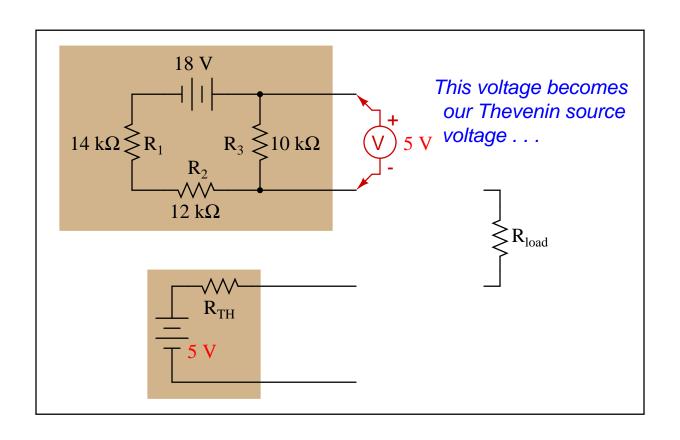


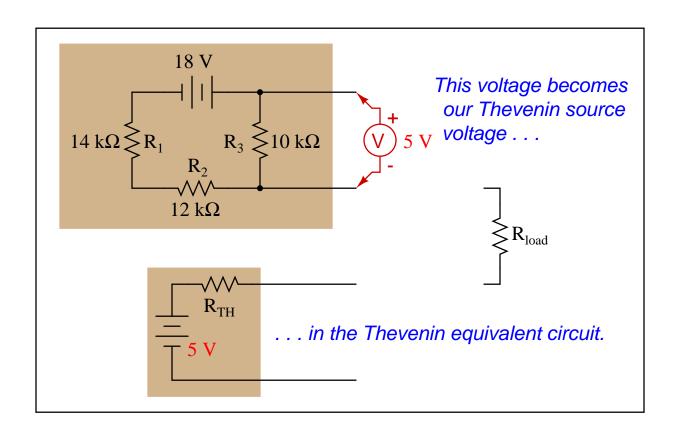


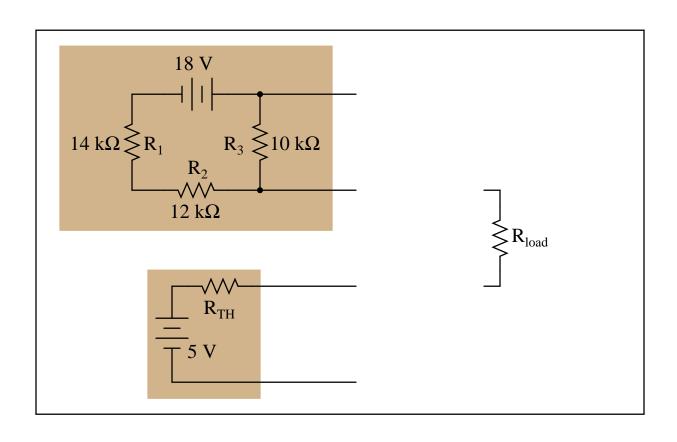


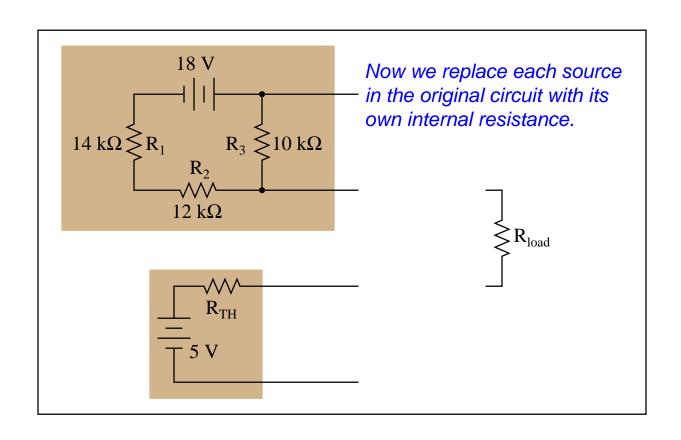


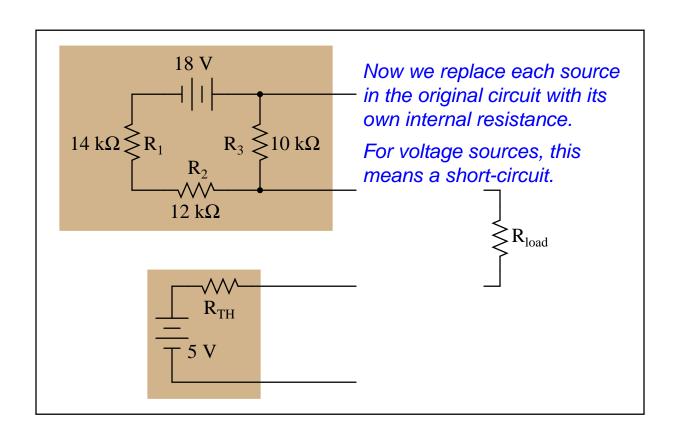


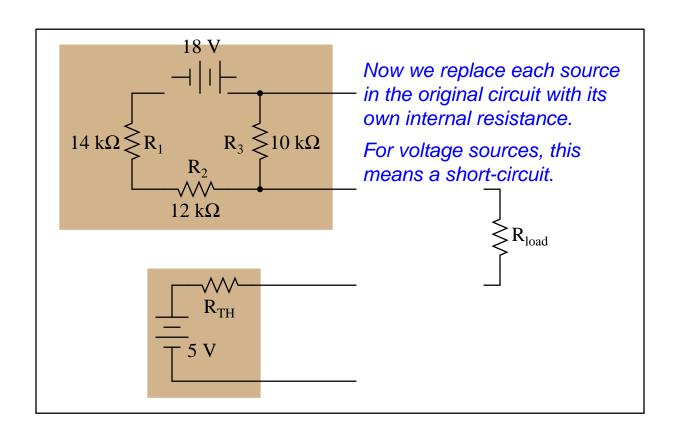


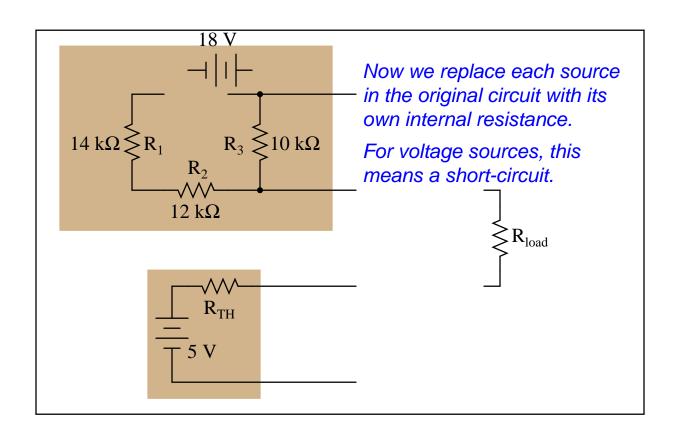


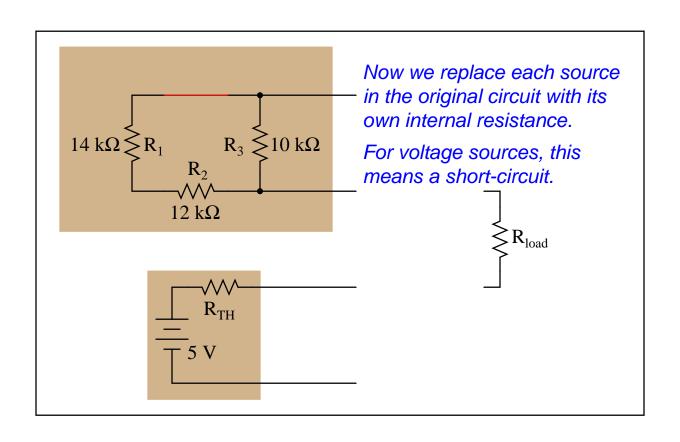


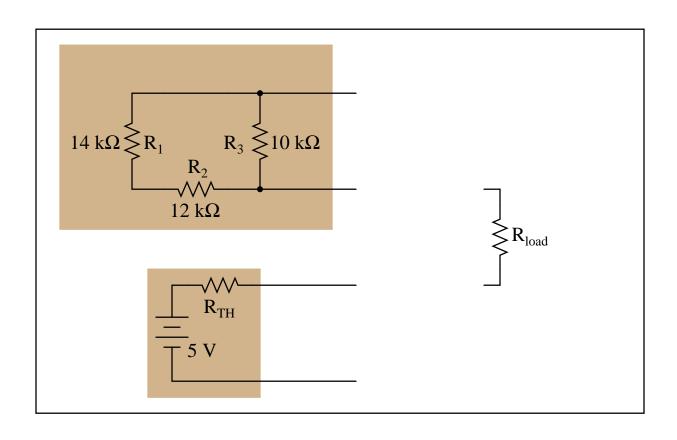


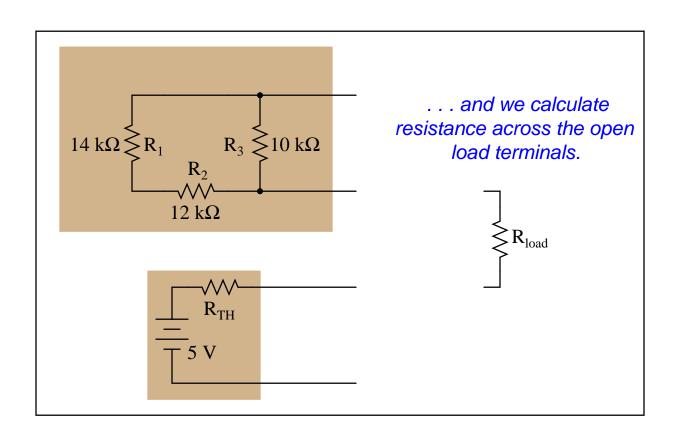


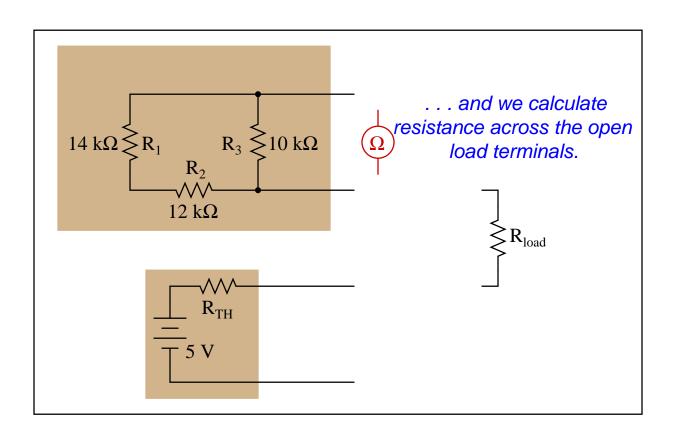


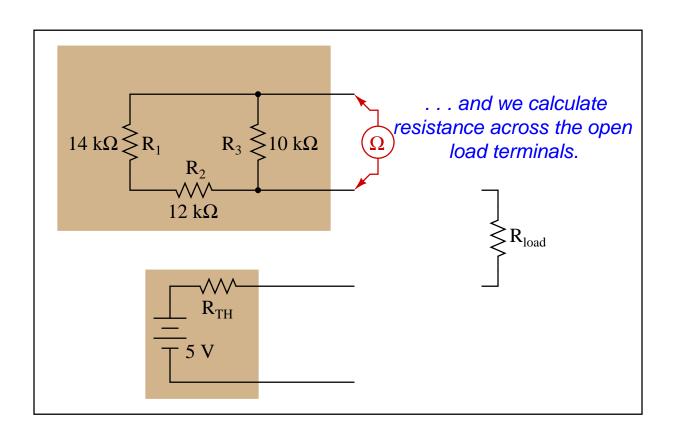


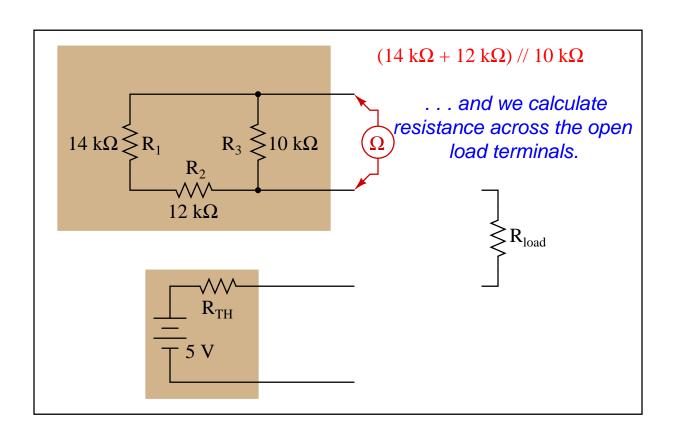


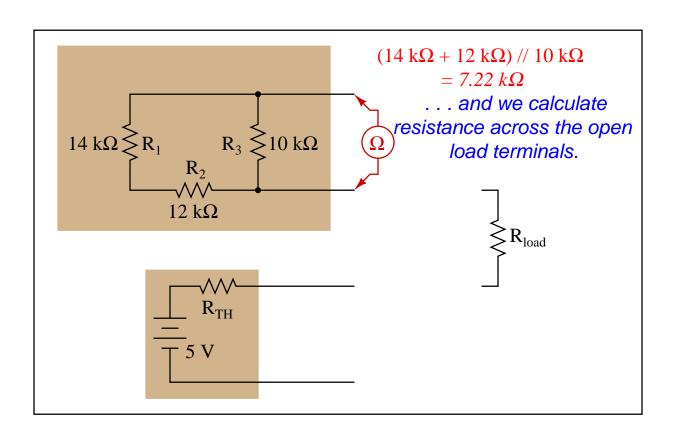


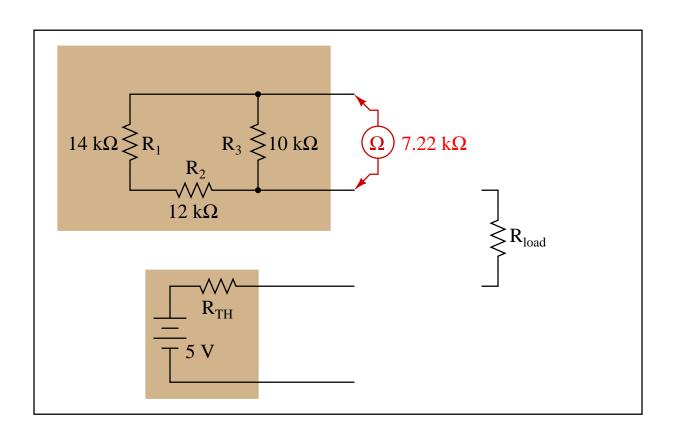


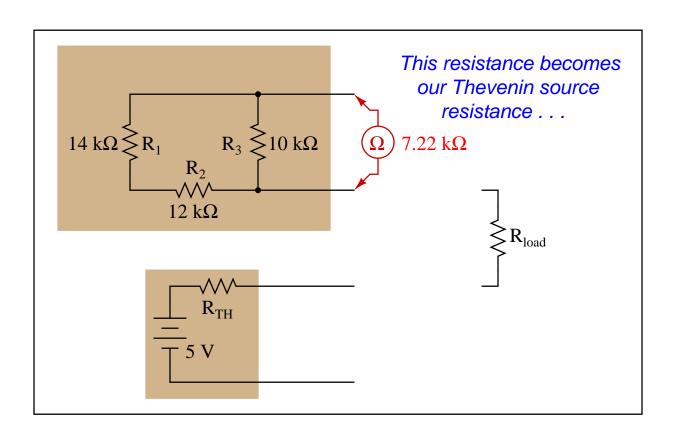


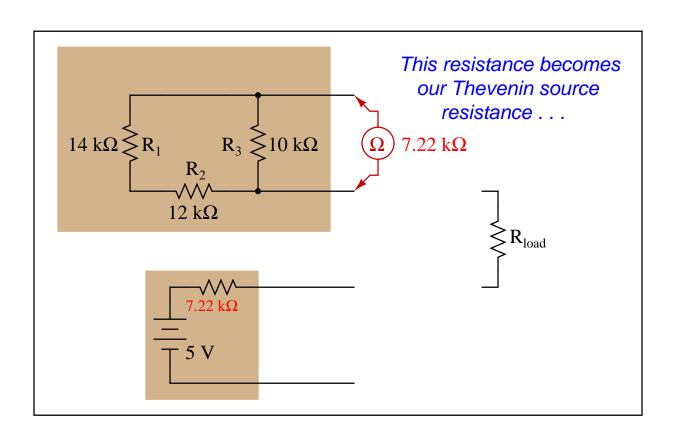


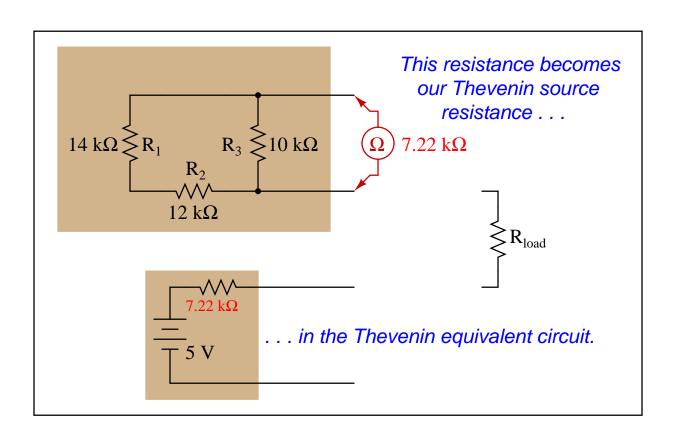


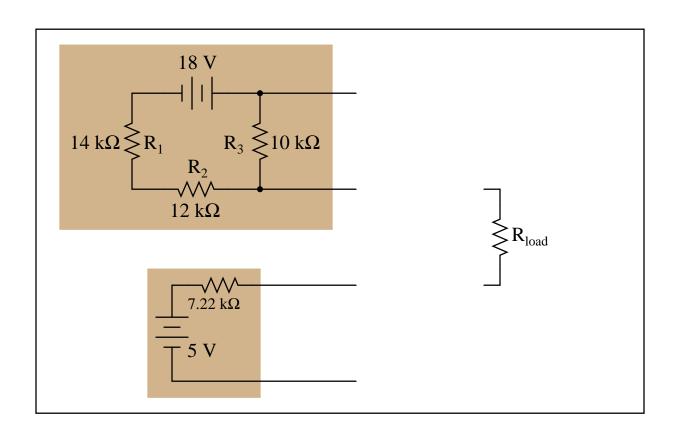


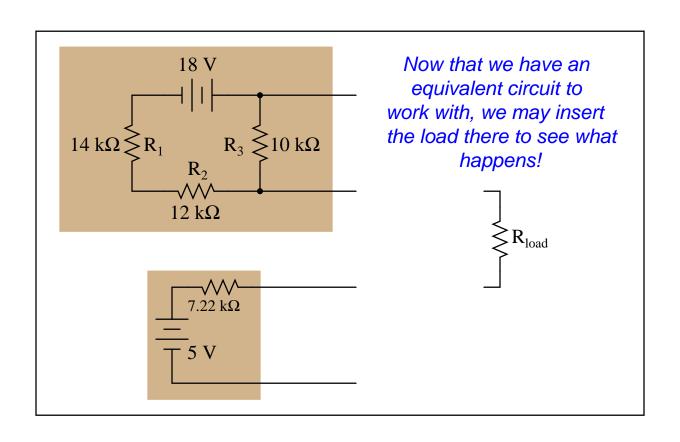


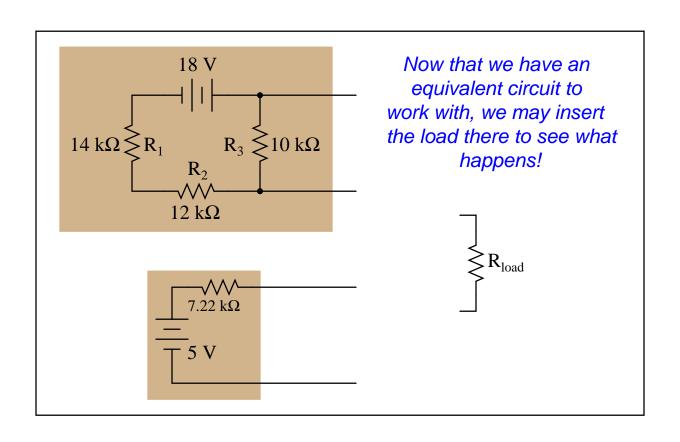


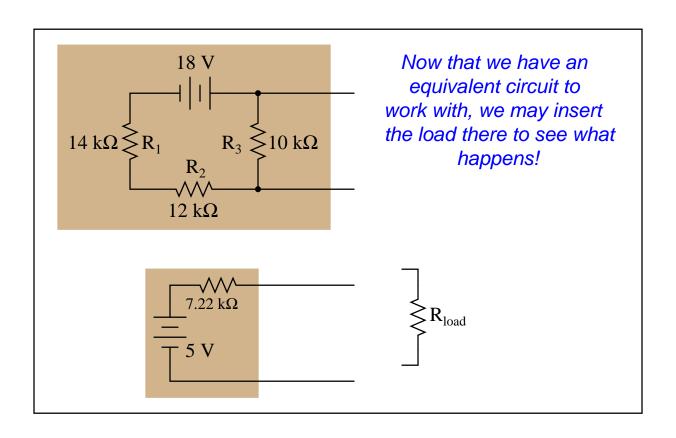


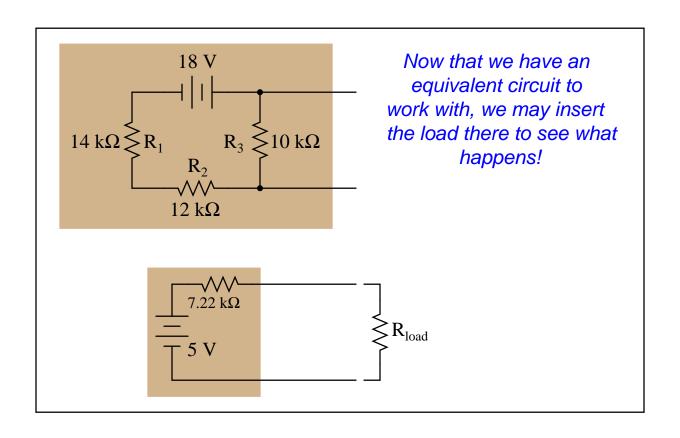


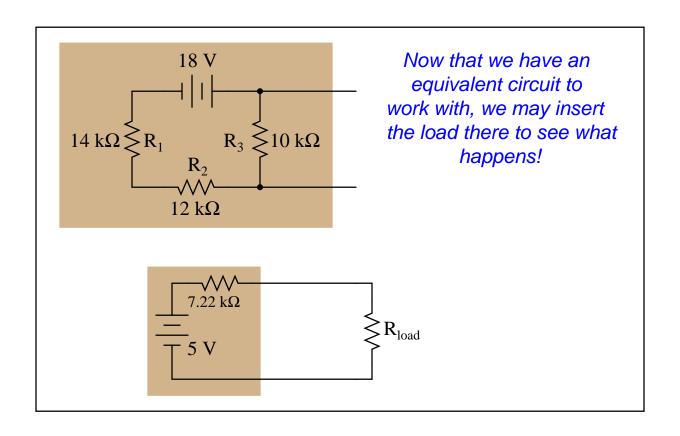


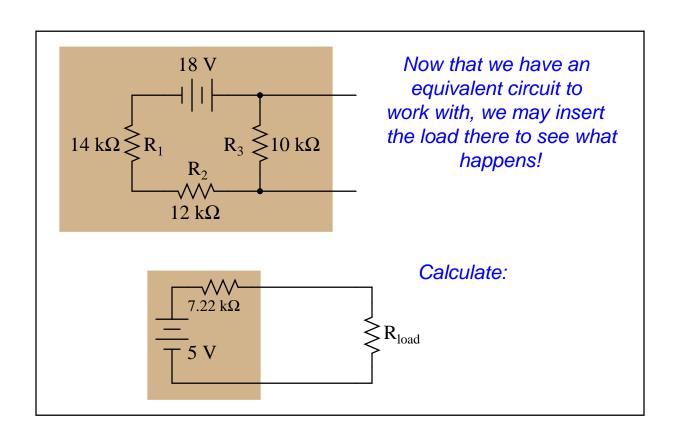


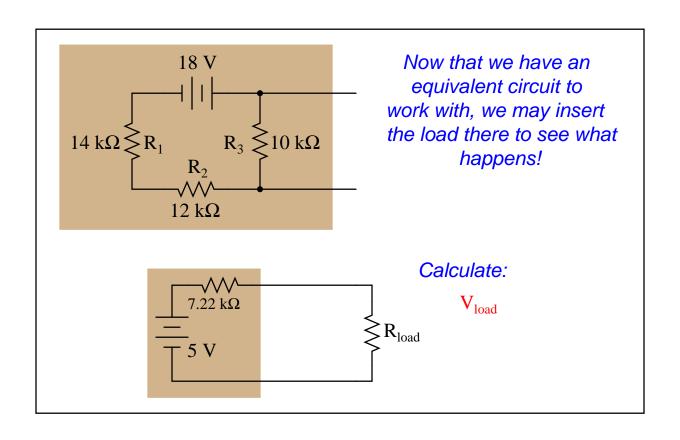


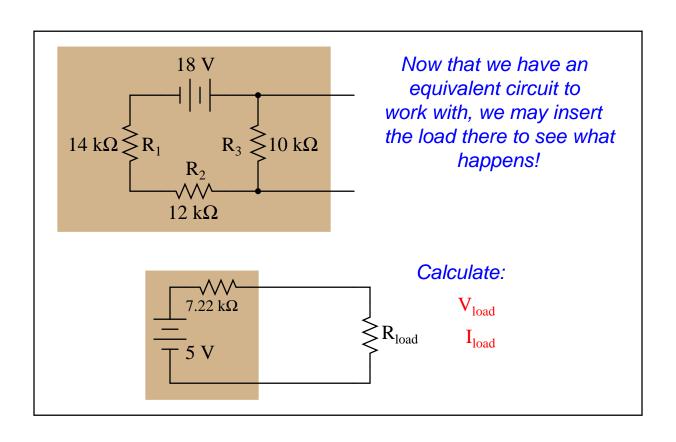


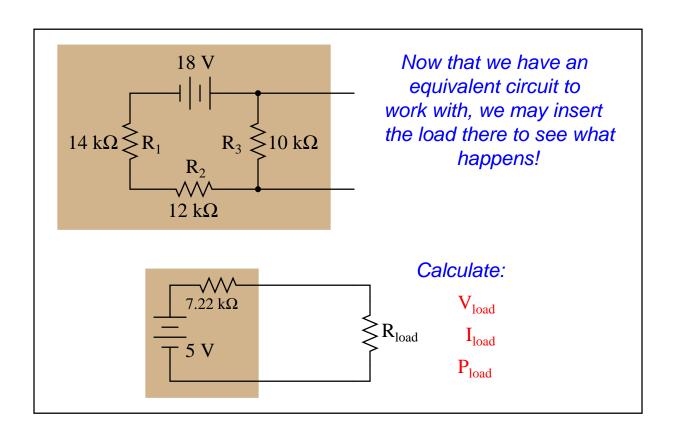


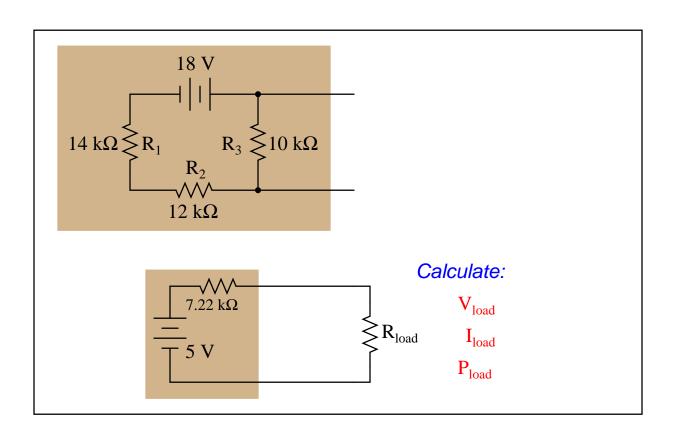


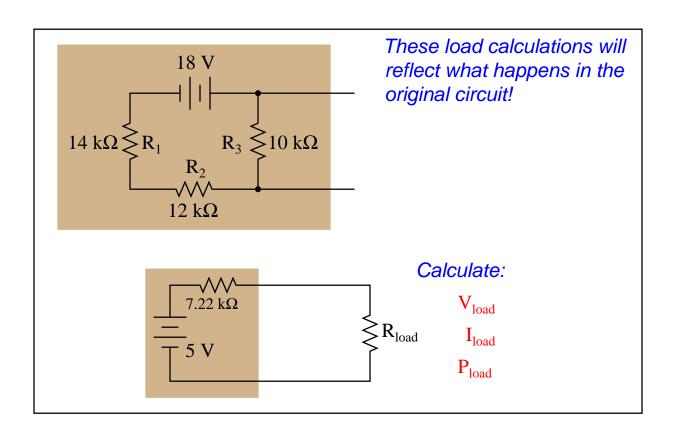


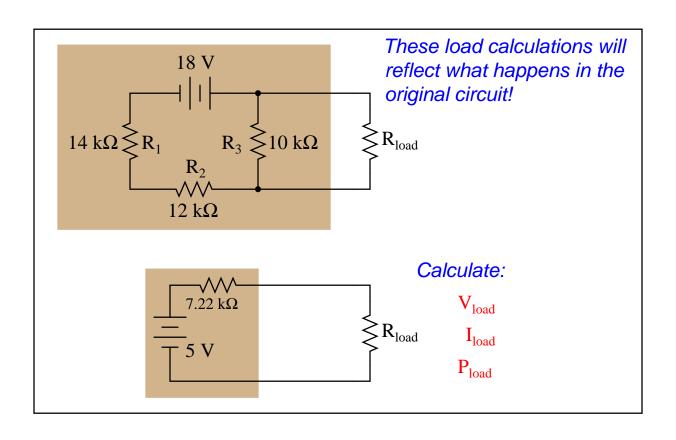


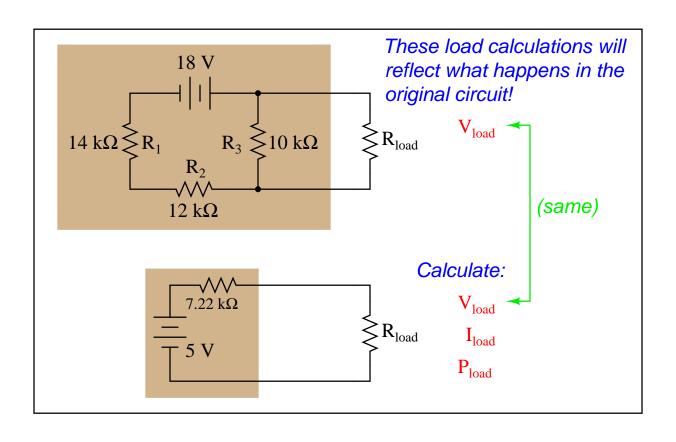


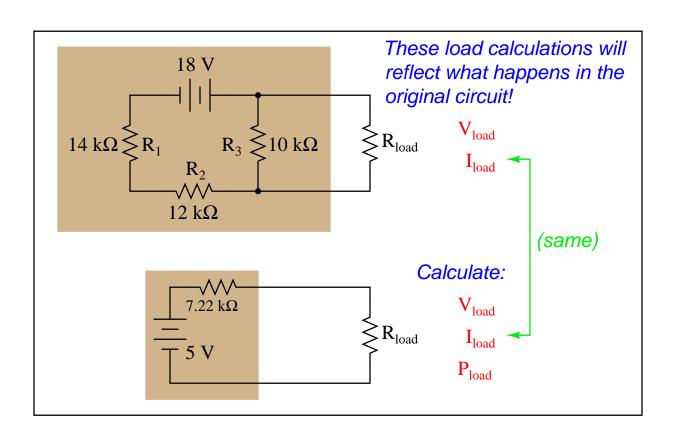


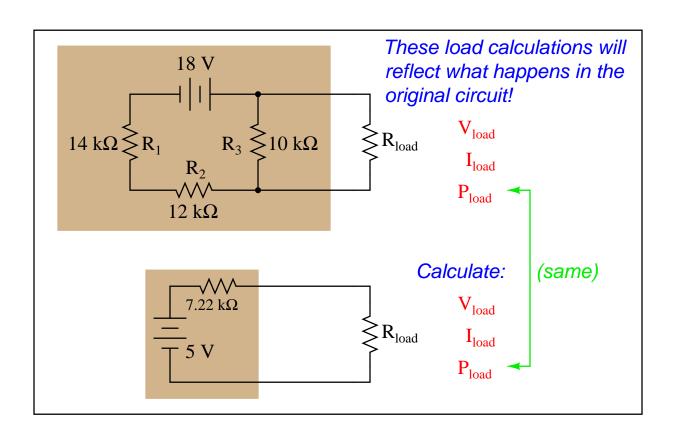


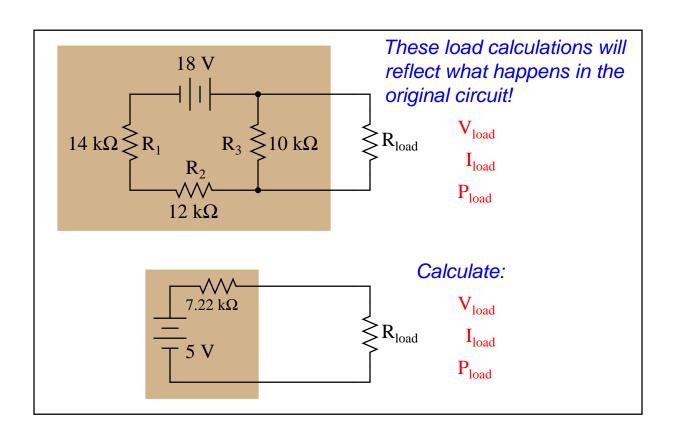


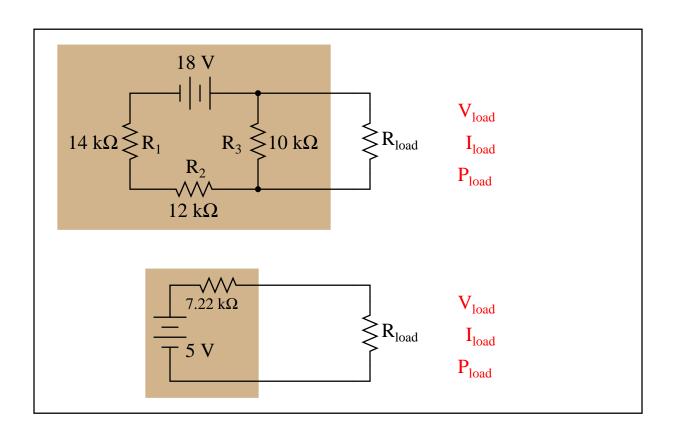


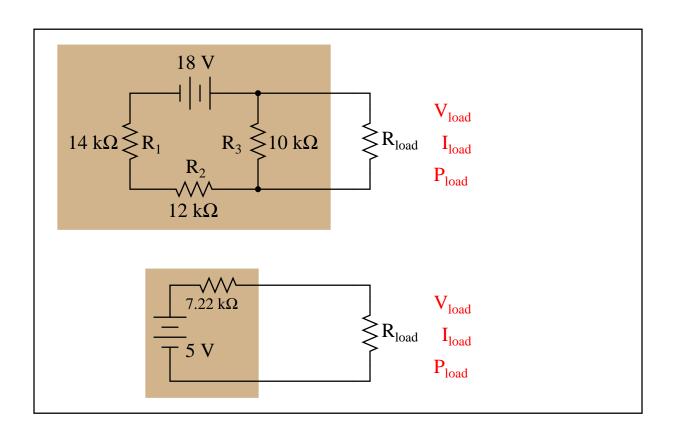


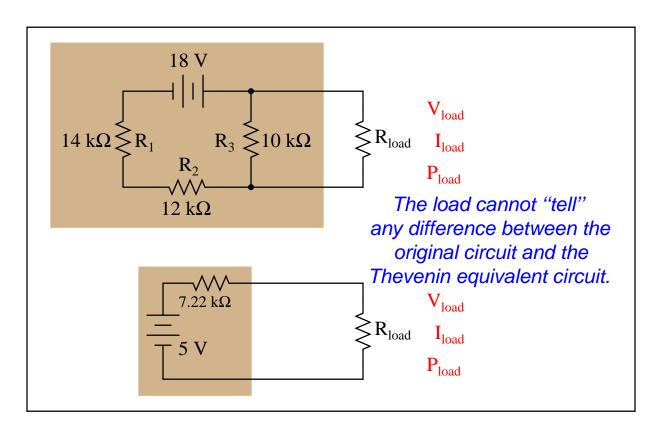












<u>file 03261</u>

## Answer 1

Nothing to note here.

## Notes 1

The purpose of this animation is to let students see how Thévenin's theorem may be applied to the simplification of a resistor network.