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 . . .










































Now that we have an equivalent circuit to work with, we may insert the load there to see what happens!



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## Answers

Answer 1
Nothing to note here.

## Notes

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.

