

Name _____

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

1) What is Kirchhoff's voltage law?

2) What would current (amperes) do if the voltage were doubled in a circuit?

3) What would be the effect of an open circuit in a series portion of a series-parallel circuit?

4) What would be the effect of an open circuit in one leg of a parallel portion of a series-parallel circuit?

5) Why is the total resistance of a parallel circuit less than the smallest resistance?
