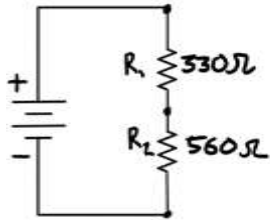


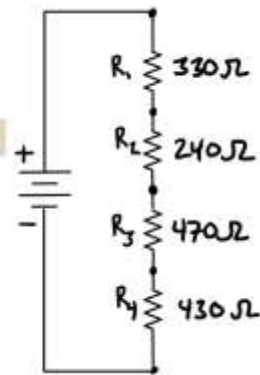
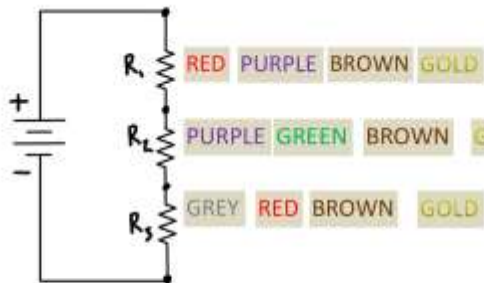
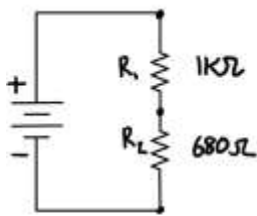
Series Resistors (11:56)

Describe a series or in line relationship.

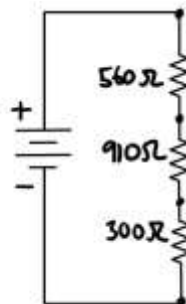
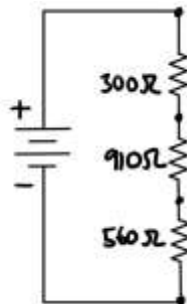
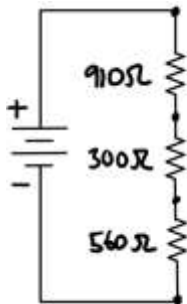
Determine the total resistance of this series combination of resistors.



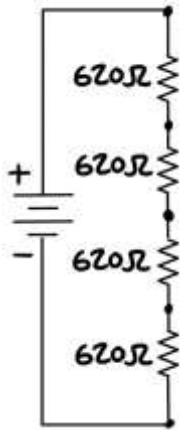
Determine the total resistance of these series combinations of resistors.



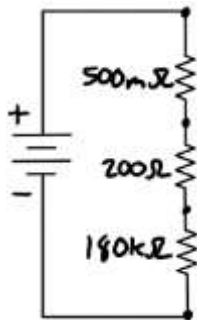
Determine the total resistance of these series combinations of resistors. Identify the consequences of order in series circuits.



Determine the total resistance of this series combination of resistors. Identify a shortcut for series circuits composed of multiple elements having the same resistance.



Determine the total resistance of this series combination of resistors. Identify the consequences of including abnormally small and abnormally large resistors in series circuits.



Describe an open and a short.

Describe the consequences of opens in series circuits.

Describe the consequences of shorted elements in series circuits.

Describe the consequences of including elements in a series circuit without complete paths.