

SERIES VS. PARALLEL CIRCUITS

	Number of paths: One/ More than One	Electric Energy: Shared/ Not Shared	Devices: independent/ dependent
Series Circuit			
Parallel Circuit			

Series Circuit Diagram

Parallel Circuit Diagram

What happened when we added bulbs? Why?

Series Circuit	Parallel Circuit

What happened when we added batteries? Why?

Series	Parallel

What happened when we unscrewed one bulb? Why?.

Series	Parallel
--------	----------

Compare the 2 types of circuits to:

Series to a climbing rope	Parallel to a ladder
---------------------------	----------------------

Why are battery-operated toys wired in Series?

--

Why are homes wired in Parallel?

--