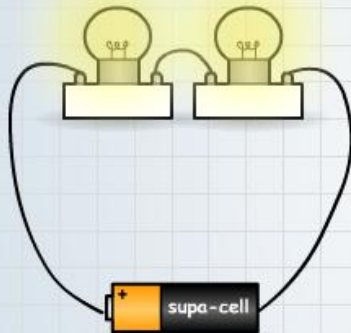


Changing Circuits

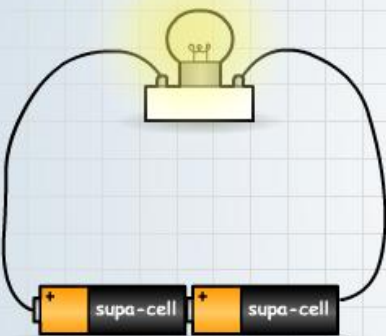


You can change circuits by adding more bulbs, or adding more **cells**.

If you add more bulbs to a circuit, the bulbs will glow less brightly (dimmer), because the bulbs have to share the electricity that the **cell** provides.



Next

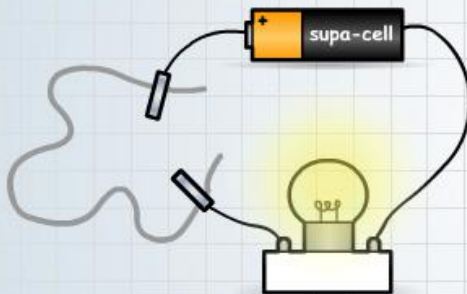


Adding more **cells** in **series** (in a line) to a circuit will make the bulbs glow brighter because there is more electric power...

...but if you add too many cells, the bulbs could **burn out!**



Back Next

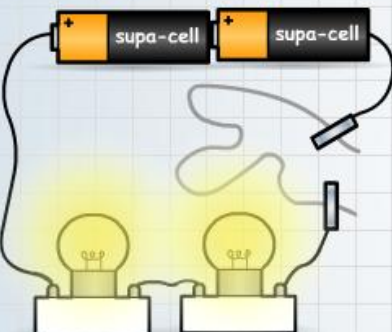


You can also change a circuit by changing the length of a connecting wire.

As the wire gets longer, the bulbs get dimmer. Making the wire shorter makes the bulbs get brighter.



Back Next



There are lots of ways to change circuits; give it a try!

You should make sure to only change one thing at a time so that it is a **fair test**.



Back