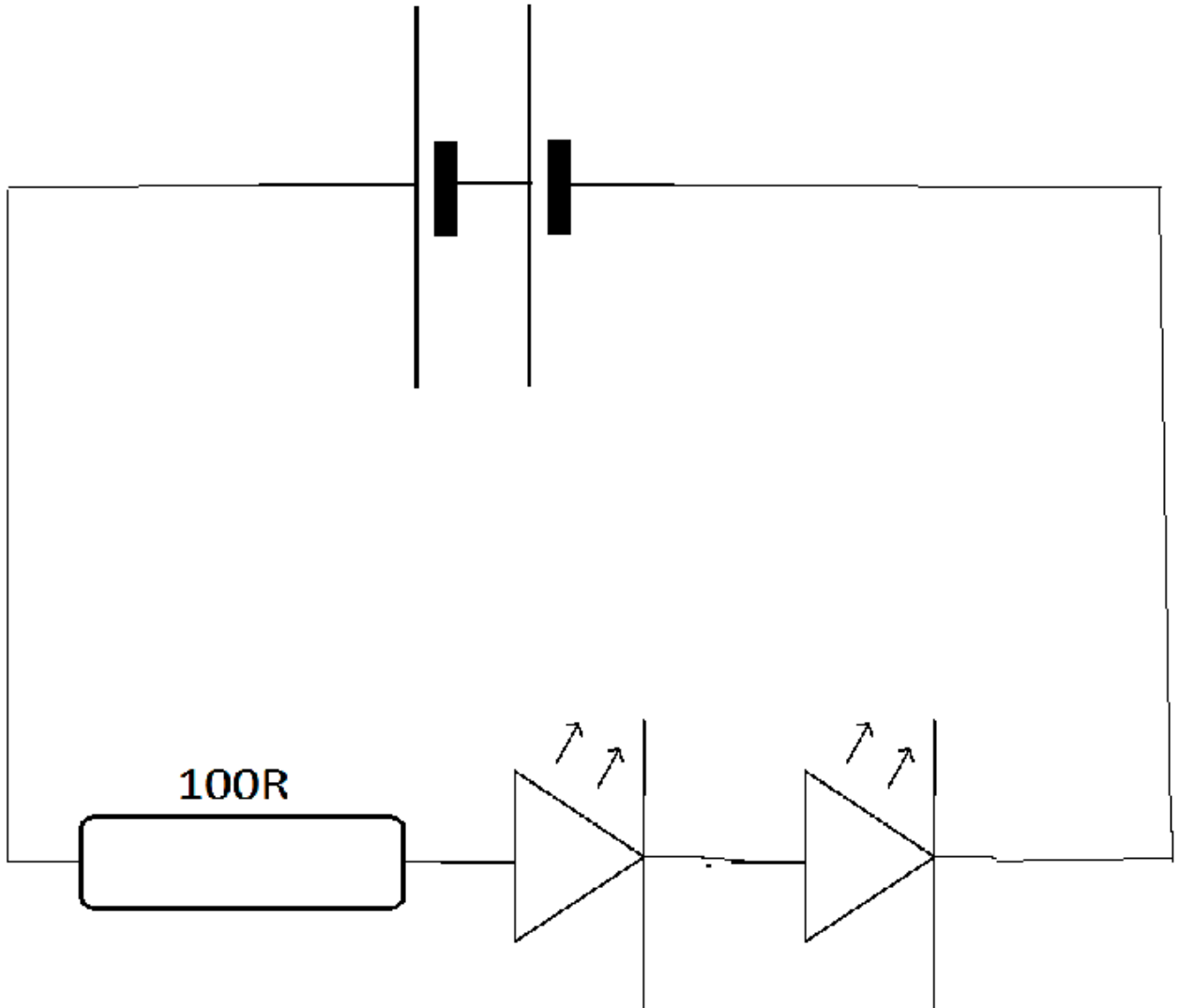


Using two LEDs in a circuit.

1. Add a second LED to your circuit, so that it looks like the circuit below:



2. Do the LEDs light up?

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3. Why do you think this is?

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4. The circuit that you have made connects the LEDs in series. Do you know how to connect the LEDs in parallel so that both of them can light up? Have a go.
5. Once you have managed to get both LEDs to light up in parallel, try to draw the circuit diagram for your parallel circuit here:

6. Use a multimeter to read the current flowing through your circuit now.

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7. Is the current higher with one LED or with two LEDs in parallel?

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8. Why do you think this is?

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