



Name: Form:

Based on pages 12 and 13 of *Changing circuits*

Series and parallel circuits

Try this...

1. Set up the circuit as shown in Diagram 1 and switch it on.

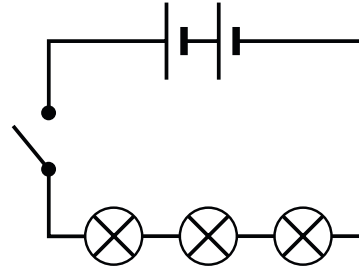


Diagram 1

2. How brightly or dimly do the bulbs shine?

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3. Set up the circuit as shown in Diagram 2 and switch it on.

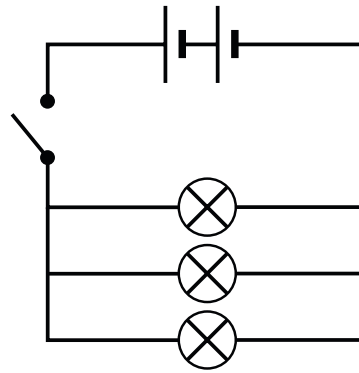


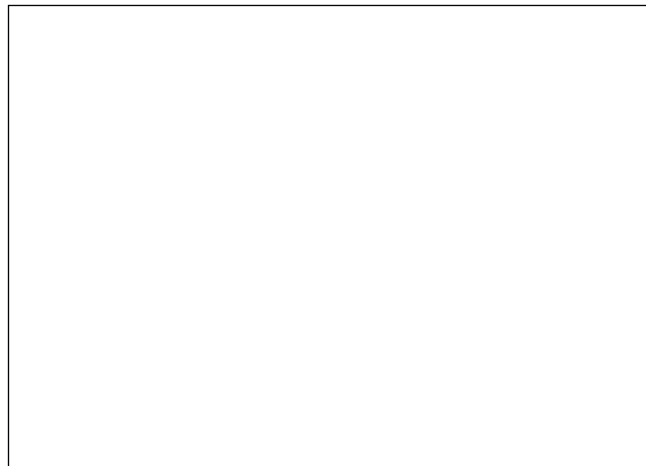
Diagram 2

4. How brightly or dimly do the bulbs shine?

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5. Draw a diagram of a parallel circuit with a bulb and a buzzer in it. Check it with your teacher.

6. If your teacher approves, make the circuit and switch it on.



7. What do you find?

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8. Predict what will happen if you add another bulb in parallel with the buzzer and the first bulb.

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9. Test your prediction. What do you find?

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