Year 8 homework – SUM 2 electricity /Potential difference

Use BBC bitesize to help you: [Electric current and potential difference guide for KS3 physics students - BBC Bitesize](https://www.bbc.co.uk/bitesize/articles/zd9d239#zrbcdnb)

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| 1. What is the voltage across each bulb? The bulbs are identical and the battery provides 6V . One circuit is series & the other is parallel.   A diagram of a circuit  AI-generated content may be incorrect.A diagram of a circuit  AI-generated content may be incorrect. | |
| 1. What happens to potential difference in a parallel circuit?  |  | | --- | |  | |  | |  | |  | |  | |  | |  | |  | | 1. What happens to potential difference in a series circuit?  |  | | --- | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1. How can you increase the potential difference in an electrical circuit – hint think about the battery/cell or the number of bulbs? | |