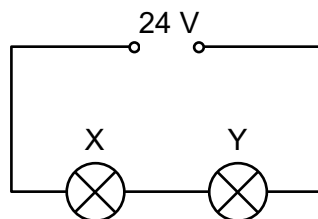


- 23** Two filament lamps X and Y are connected in series with a 24 V power supply. Lamps X and Y dissipate power of 1 W and 3 W respectively.



What is the potential difference across lamp X?

- A** 6 V **B** 8 V **C** 16 V **D** 18 V