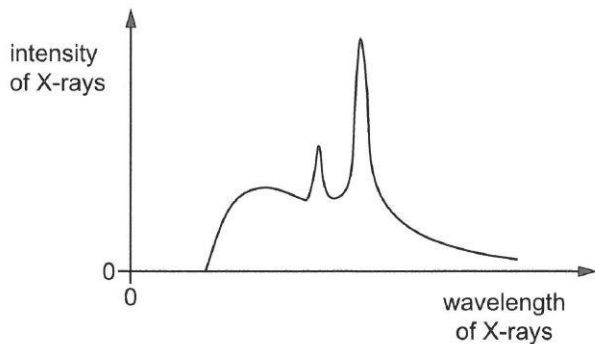


**28** X-rays are produced when high speed electrons collide with a metal target. To attain the high speed, electrons are accelerated over a potential difference.

The graph illustrates how the intensity of X-rays varies with their wavelength when the target is tungsten.



The electrons are subsequently accelerated across a higher potential difference.

Which statement is correct?

- A** The minimum wavelength will decrease.
- B** The minimum wavelength will increase.
- C** The number of peaks will increase.
- D** The position of the peaks will move towards shorter wavelengths.