

- 19** A beam of monochromatic light of wavelength 600 nm is incident normally on a diffraction grating that has 3.0×10^5 lines per metre.

What is the total number of images produced by light transmitted through this grating?

- A** 5 **B** 8 **C** 9 **D** 11

- 20** A filament lamp is connected in series with a variable resistor and a voltmeter. The voltmeter reads 2.0 V.