

- 29** Monochromatic light of wavelength 590 nm is incident normally on a diffraction grating. The angle between the two second-order diffracted beams is 43° .

What is the spacing of the lines on the grating?

- A** $0.87\ \mu\text{m}$ **B** $1.6\ \mu\text{m}$ **C** $1.7\ \mu\text{m}$ **D** $3.2\ \mu\text{m}$

- 20** Which equation is used to define resistance?