

**18** Light of wavelength  $\lambda$  is incident normally on a diffraction grating of slit separation  $4\lambda$ . What is the angle between the second order maximum and third order maximum?

**A**  $14.5^\circ$

**B**  $18.6^\circ$

**C**  $48.6^\circ$

**D**  $71.4^\circ$