

- 17** A light source emits light which is a mixture of two wavelengths, λ_1 and λ_2 .

When the light is incident on a diffraction grating it is found that the fifth order of light of wavelength λ_1 occurs at the same angle as the fourth order for light of wavelength λ_2 .

If λ_1 is 480 nm, what is λ_2 ?

- A** 400 nm **B** 480 nm **C** 600 nm **D** 750 nm

