

- 14** A beam of light, comprising red and blue light, is incident normally on a diffraction grating. The wavelength of the red light is 685 nm, while that of the blue light is 411 nm.

Which of the following orders of red and blue maxima will coincide on the screen?

	order of red maximum	order of blue maximum
A	3 rd	5 th
B	5 th	3 rd
C	2 nd	3 rd
D	3 rd	2 nd