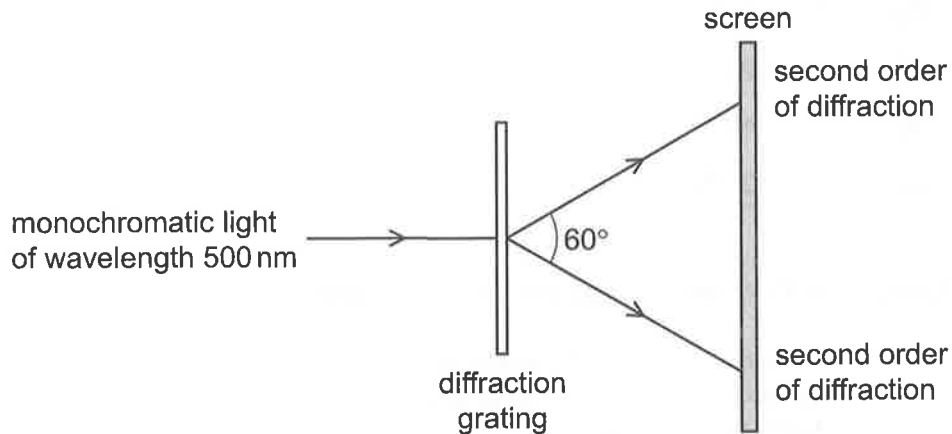


- 17 Monochromatic light of wavelength 500 nm is directed perpendicularly onto a diffraction grating. The second-order diffraction lines are observed at 60° to each other.



What is the number of diffraction lines per millimetre of the grating?

- A** 500 **B** 866 **C** 1000 **D** 500 000

- 18 During a double slit experiment with light, the distance D from the slit to the screen is increased