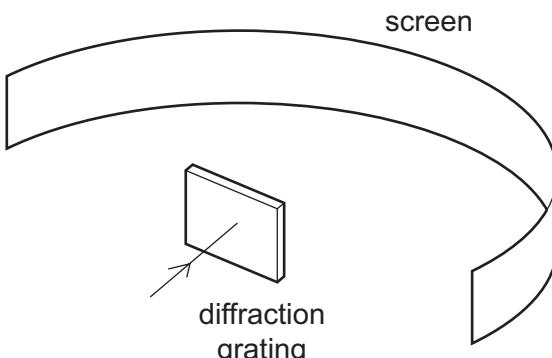


- 30** Monochromatic light of wavelength 690 nm passes through a diffraction grating with 300 lines per mm, producing a series of maxima on a screen.



What is the greatest number of maxima that can be observed?

A 4

B 5

C 8

D 9

Space for working