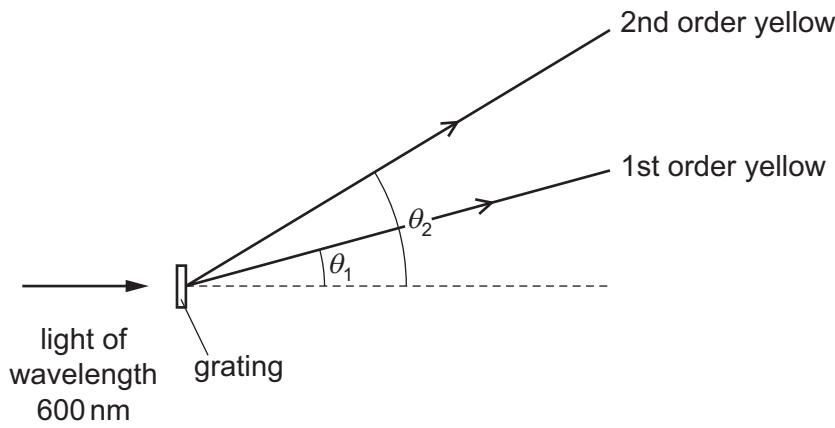


- 27 A diffraction grating experiment is set up using yellow light of wavelength 600 nm. The grating has a slit separation of 2.00 μm .



What is the angular separation ($\theta_2 - \theta_1$) between the first and second order maxima of the yellow light?

- A 17.5° B 19.4° C 36.9° D 54.3°

Space for working