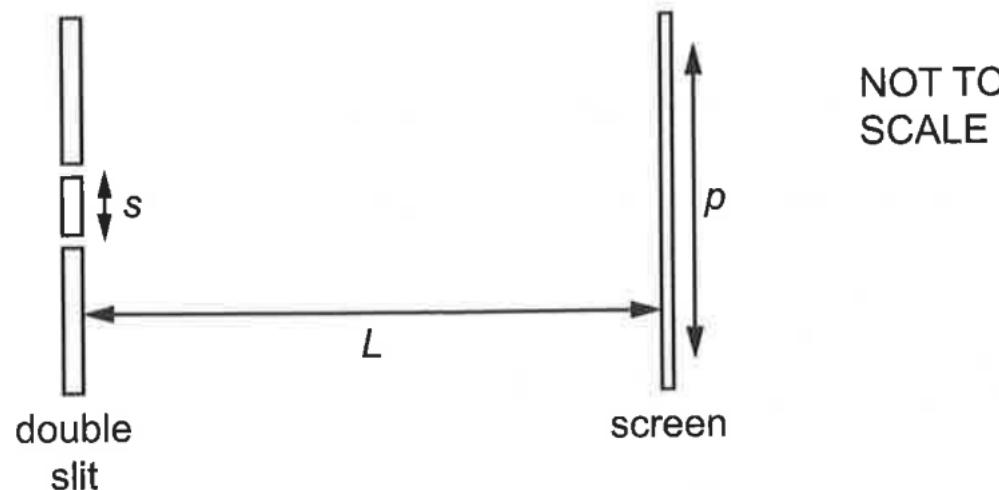


- 20 After passing through a double slit of slit separation s , monochromatic light of wavelength λ is incident on a screen a distance L away. Bright and dark fringes are observed over the whole of the screen.



How many fringes will be observed on the screen, over a distance p ?

A $\frac{s}{Lp\lambda}$

B $\frac{ps}{\lambda L}$

C $\frac{L\lambda}{ps}$

D $\frac{Lp\lambda}{s}$

- 21 What is the rate of flow of electrons in a component in which the current is 20.0 mA?