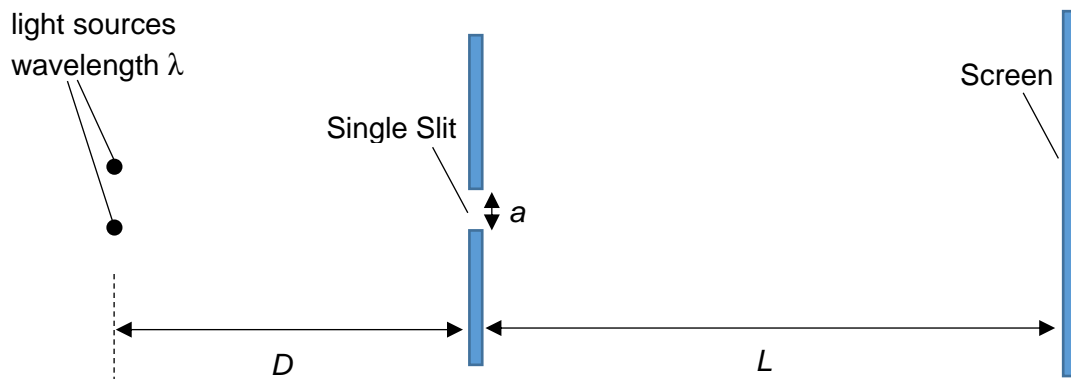


- 17 Two monochromatic light sources of wavelength λ are separated by a fixed distance. Light from the sources passes through a single slit of slit width a at a distance of D . The image of the light sources is projected on a screen a distance of L from the single slit.



One is just able to distinguish that there are two light sources from the image captured on the screen.

For the image captured on screen, which of the following changes will **not** make it easier to distinguish that there are two light sources?

- A λ is reduced.
- B D is reduced.
- C a is increased.
- D L is increased.