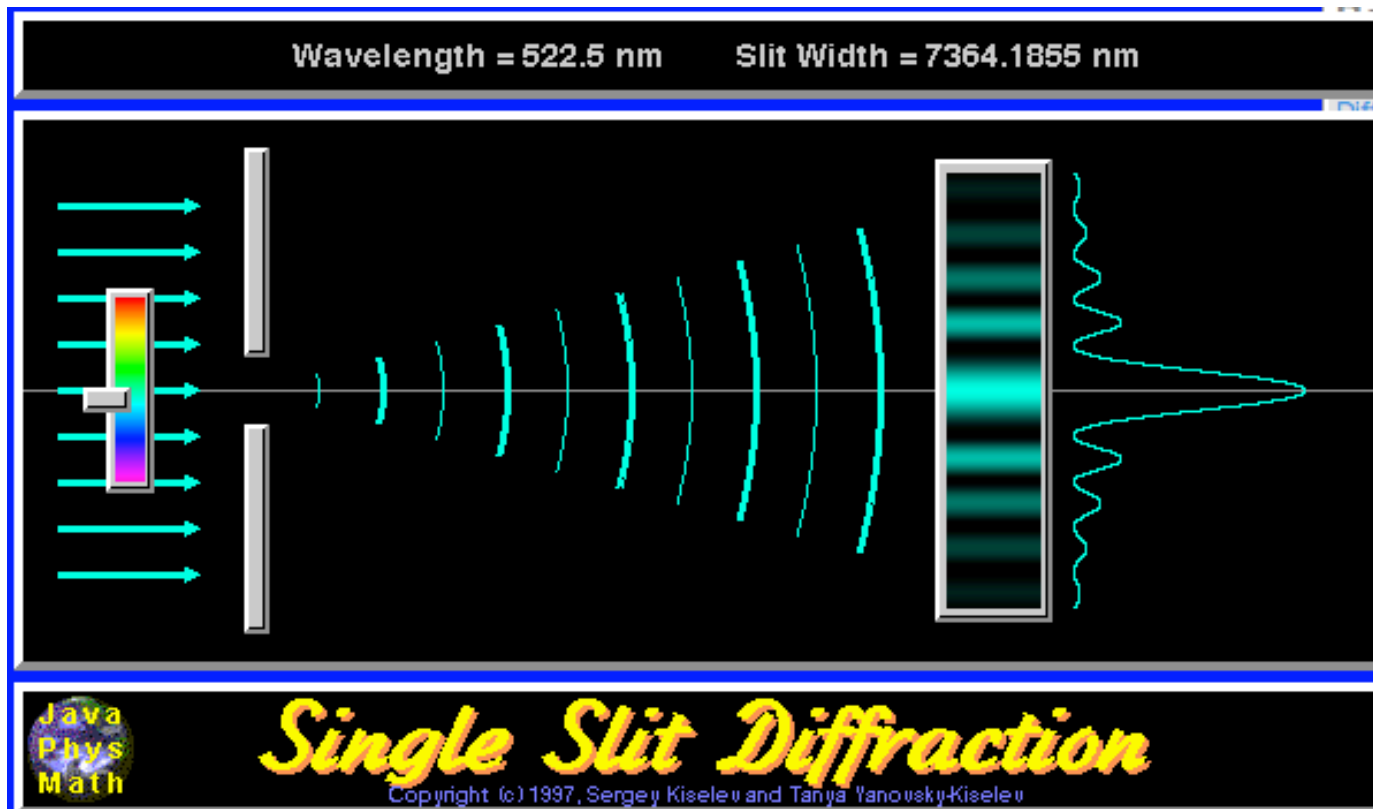


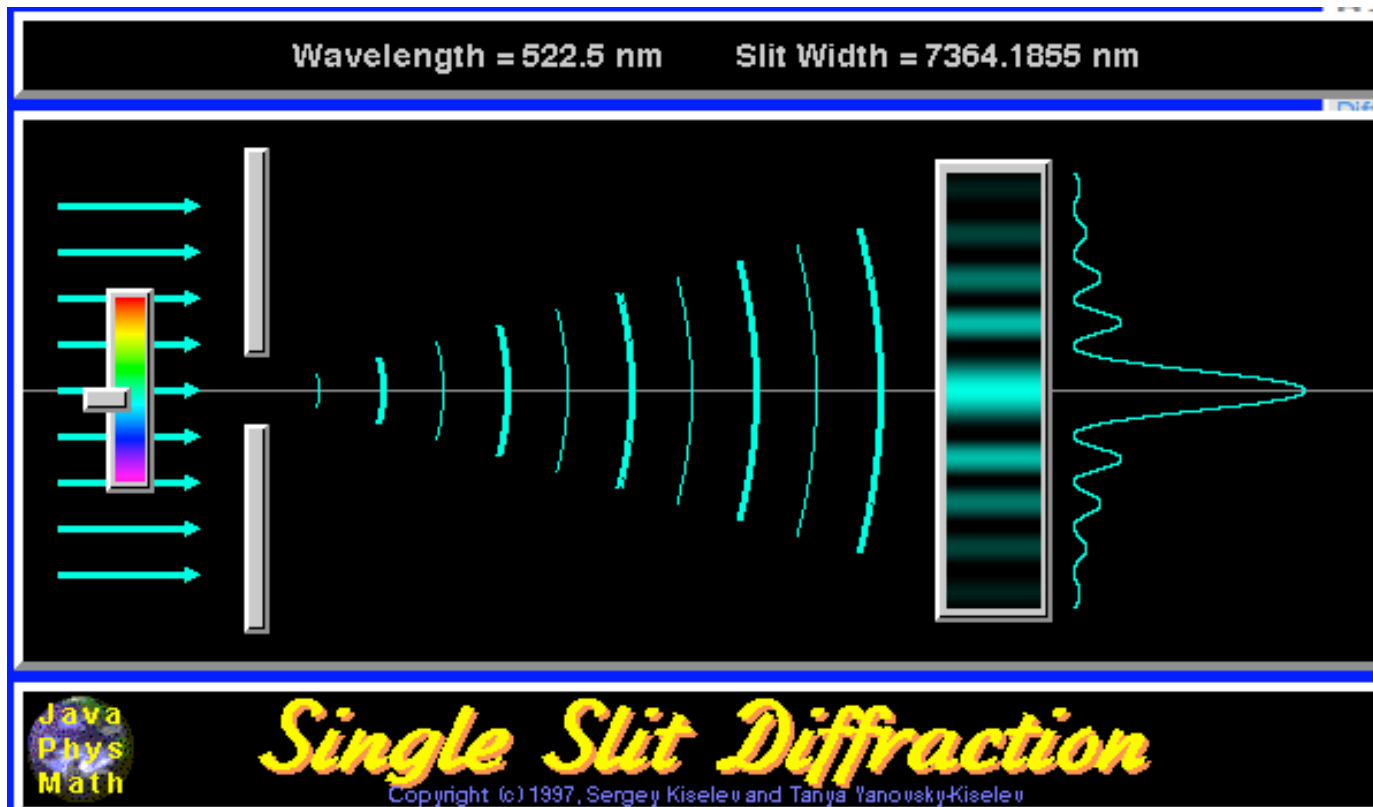
If I make the wavelength longer what will happen to the pattern?

1. Get wider
2. Get narrower
3. Stay the same
4. Something else



If I make the slit wider
what will happen to the pattern?

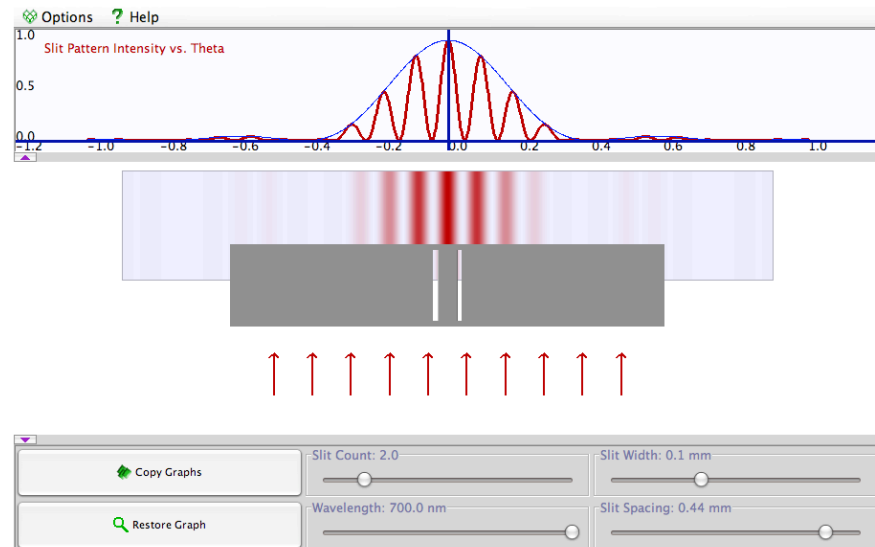
1. Get wider
2. Get narrower
3. Stay the same
4. Something else



If the wavelength is decreased, what will happen to the fringes (narrow peaks shown in red)?



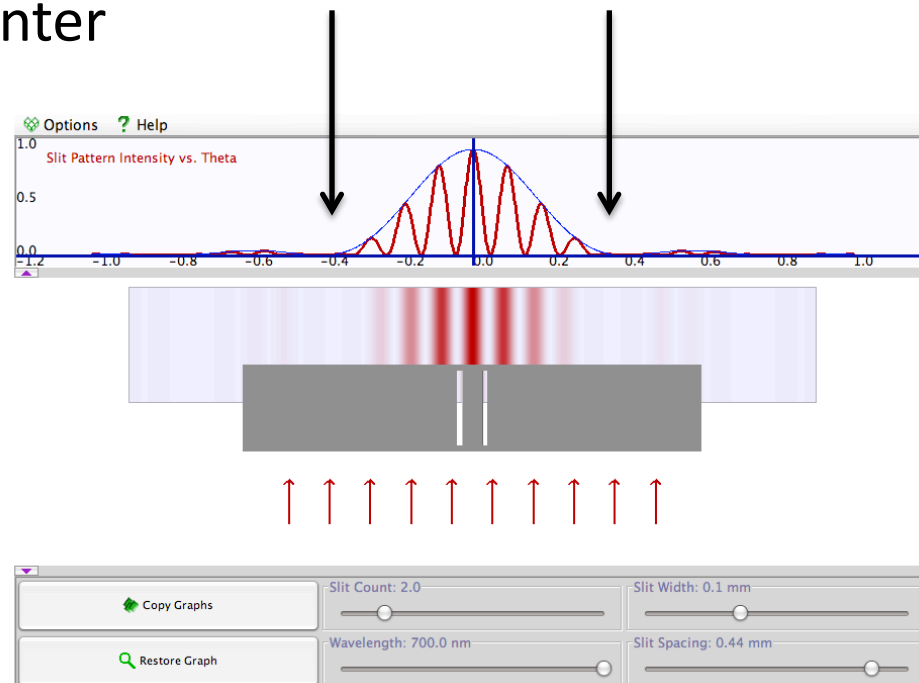
1. Fringes get wider
2. Fringes get narrower
3. Fringes stay the same
4. Something else



If the wavelength is reduced, what will happen to the squash point (the point where the fringes are driven to zero – shown by the dark arrow)?



- A. Move toward the center
- B. Move away from the center
- C. Stay the same
- D. Something else



When a laser is shone upon a double slit, a closeup of the center of the pattern looks like the figure at the right. If one of the slits is covered (the left one) but the other slit remains open, what will this part of the pattern look like?



1. The same.
2. The left side will be dark.
3. The right side will be dark.
4. The whole thing will be bright.
5. The whole thing will be bright except for two dark bands at either side.
6. Something else.

