

Name: _____

Date: _____

Phys 115 Pre - lab 8

A student is setting up a diffraction experiment similar to what we did last week.

Please carefully explain what the light brightness at the center location of the screen (as indicated in the figures below) would be in the following steps:

(a) A black paper with a tiny hole is inserted in front of a laser beam.



(b) Two lasers and two holes.



(c) two lasers and two holes, where one set is aligned at the center and the other set is off center.

