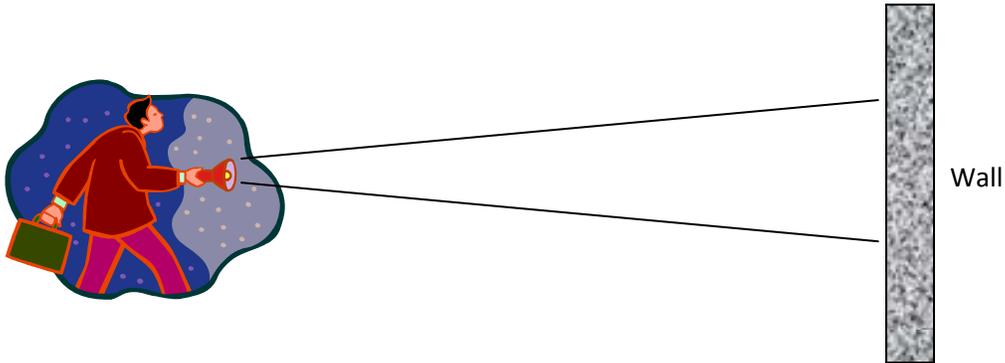


Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Phys 115 Pre - lab 1

A student is shining a flash light onto a white wall as shown below.

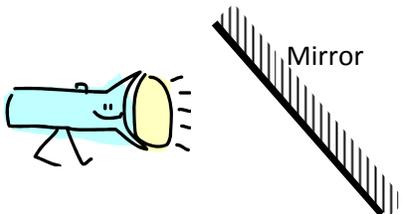


Please carefully explain what will happen for the location and size of the beam spot after the following steps:

- (a) A black paper with a small hole is inserted immediately in front of the flashlight.



- (b) A mirror is inserted in front of the flashlight.



- (c) A black paper with a small hole in front of the flashlight and a mirror some distance after the paper.

