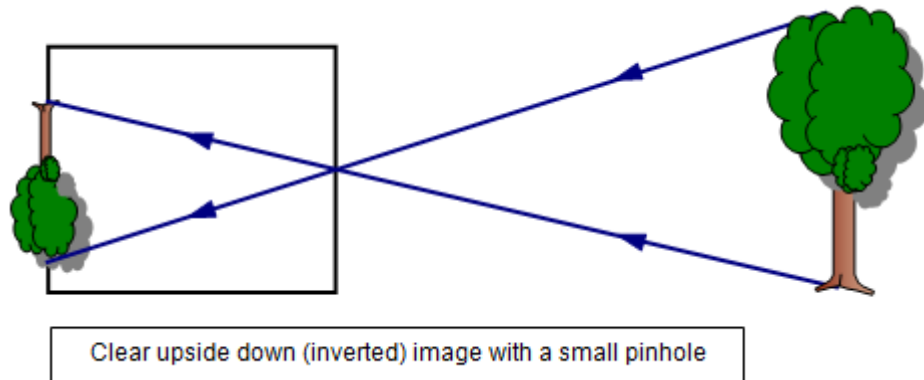


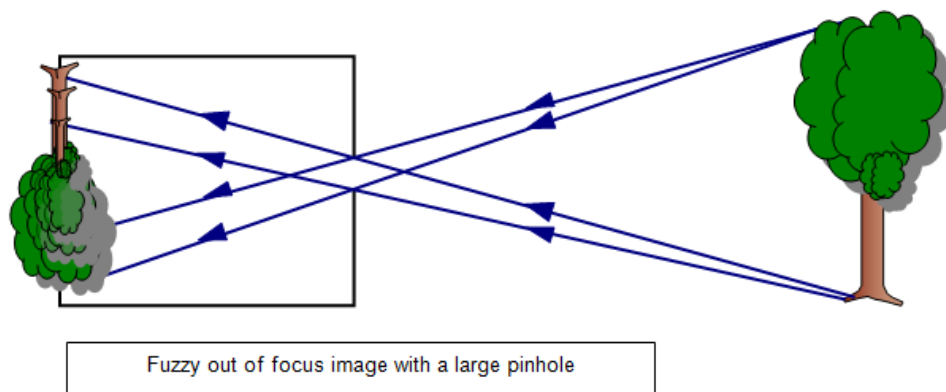
## Answer on Question #46971, Physics, Optics

What effect does enlarging of the hole in a pinhole camera have on the image? The image gets  
larger  
smaller  
shaper  
fuzzier

**Solution:**



For a tiny pinhole, the image is always in focus, independent of the distance to the object or the distance between the pinhole and the screen.



As the pinhole is enlarged, the image becomes brighter and fuzzier, until for very large holes, the light on the screen shows only the shape of the hole.

**Answer:** fuzzier