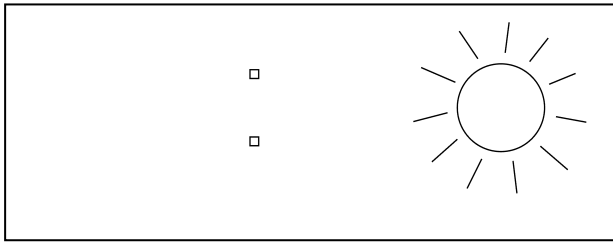
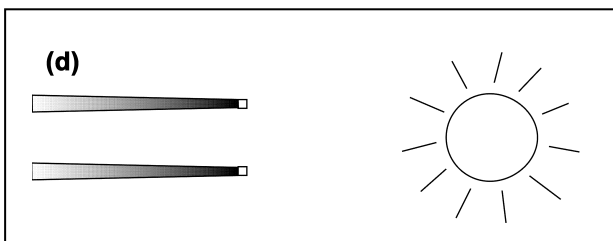
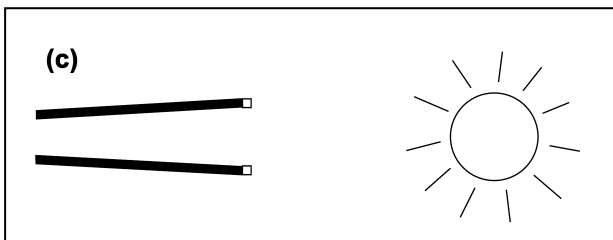
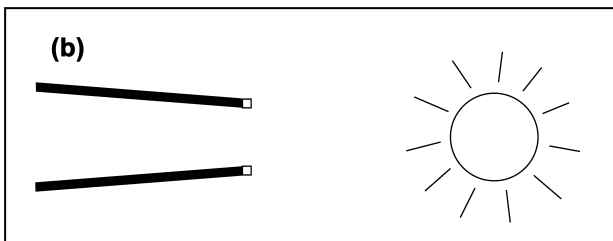
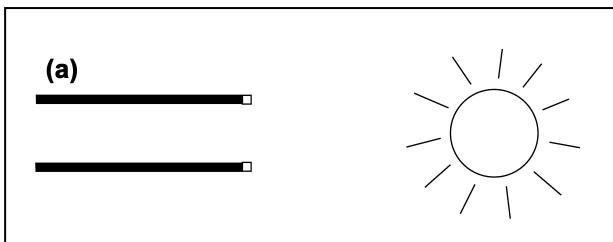


LIGHT

Suppose you stick two matchsticks in these square holes in the ground so that they are sticking straight up.



If you then let the morning sun fall on the matchsticks, what will their shadows look like?



Do some experiments to see if you are correct.

Possible Extension:

Will you get the same results using a light bulb instead of the sun?
Discuss the reasons for any differences.