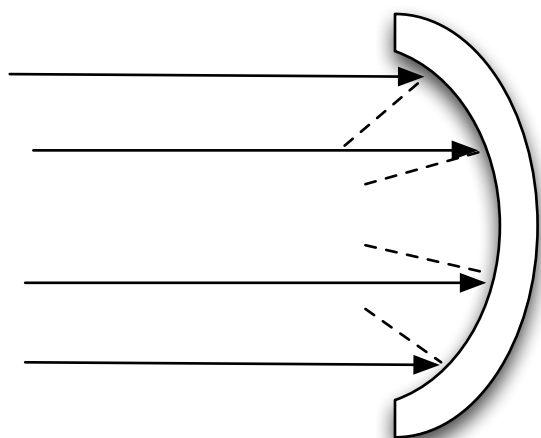


1. a) Draw the outgoing rays for this curved mirror.

b) Would you say this mirror focuses the rays or disperses them?

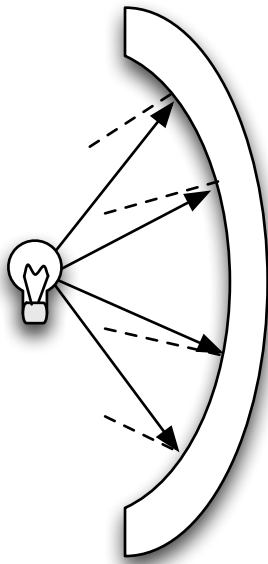


2. a) Draw the outgoing rays for this curved mirror.

b) Would you say this mirror focuses the rays or disperses them?

3. If you were camping and you wanted to help start your campfire with sunlight, would you use a mirror more like the one in #1 or #2?

4. If you didn't want strong sound echoes from the walls of your auditorium, would you use shapes more like the one in question #1 or #2 to line the walls?



5. a) Draw the outgoing rays of light.

b) How does this relate to a flashlight?

5. Satellite dishes are made to receive radio waves - see picture below.

a) What is the job of the "dish"

b) What part is the actual receiver?



6. Often in football games, you can hear the quarterback calling out numbers.

How can that be possible if he is not wearing a microphone? (Look at the picture below.)