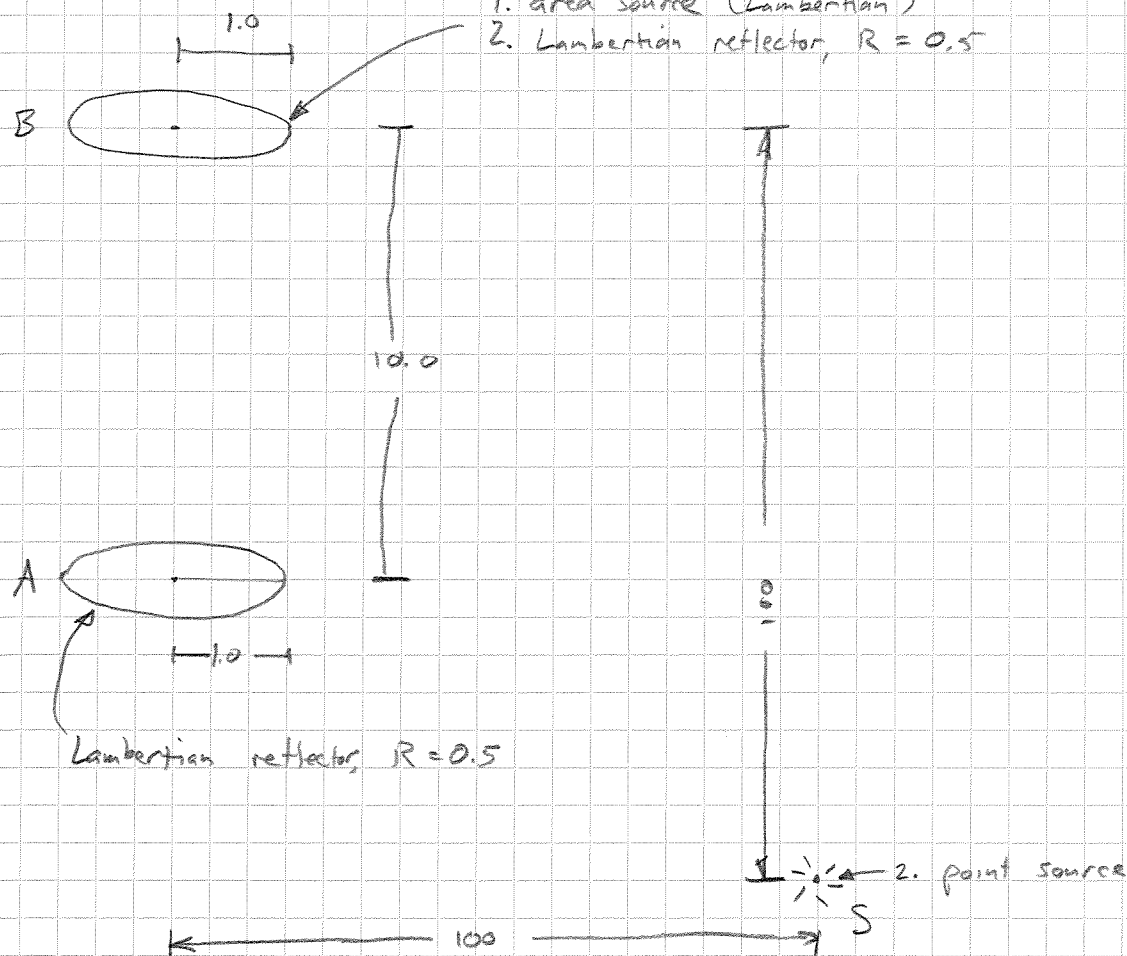
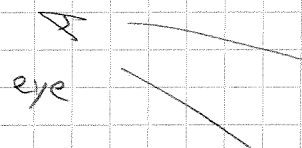


Problem 1

1. area source (Lambertian)
2. Lambertian reflector, $R = 0.5$



1. What should the radiance of source A be, to cause the radiance of B to be $1.0 \text{ W/m}^2\text{sr}$?
 - (a) assuming the source is "far away"
 - (b) exactly (for the center of A)
2. What intensity of point source S will achieve the same result as in 1(a)? Assume the source is "far away" from B.