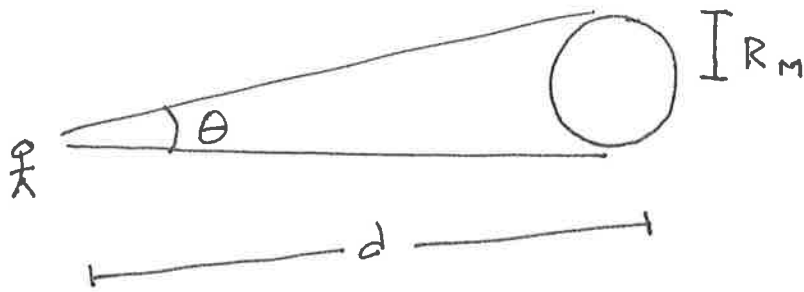


1. You bounce radar (light, $v = c = 3 \times 10^8$ m/s) off the Moon:

round trip travel time = 2.6 seconds

Q: How far away is the Moon?



57.3 degrees/radian

2. Given the distance to the Moon
AND its angular size (0.5 degrees),
what is the radius of the Moon
(2 sig. figs is fine)?