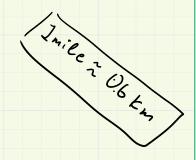
## Ch I Artro rending Notes

1.6 Tour of the Universa

· Earth



d≈ 13,000 km



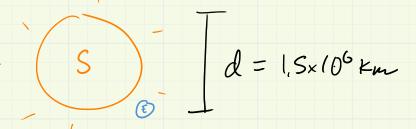
· Man is nearest astronomical neighbor

## Ducon ~ 384,00 km = 1.3 ls

a I

d= 3476km

· Sun is 1AU away ~ ISOmillion km ~ & l-min



by comparison (scale) if sun size of basket bell, Earth : , on apple seed

Sun Nescusy, Venus, Earth, Mars, Maitin, Stein, Usanus, Neptune
Lean only see because of reflected light

- · difficult to see plants around other stars
- · Starr powered by Nuclear fusion
- all the stars we see of the naked eye are in the Milly has salaxy hundreds of billions of stars in the salaxy

Shy is 36,000 by from centre of MW

· vacuum of space still contains enough dust to block light tom different stars