

What You Should Know: “Measuring Stellar Distances”!

- 1.) What are three bits of information we can extract from the light we receive from stars?
- 2.) What four questions are we likely to ask about a star?
- 3.) How do we determine the distance to planets?
- 4.) Will the approach mentioned in #10 work on the sun? If not, why not?
- 5.) How is an *astronomic unit* defined??
- 6.) In fifteen words, explain parallax.
- 7.) How is a parsec defined?
- 8.) What is the relationship between a *parsec* and a *light years*?

9.) What is the closest star?

10.) How far away is the closest star in light years?

11.) What is the maximum range of the parallax approach to determining a star's distance from us?