

Name: _____

Half of these questions can be answered by browsing the observatory information at astro.wsu.edu, and that half will be counted as regular homework credit. The other half can be answered by a personal visit, Saturday, Oct 24, 8:30 p.m. - 10:30 p.m., to Jewett Observatory. (Prof. Worthey will miss the beginning, but will show up at 9:30 or so) and will be counted as extra credit.

1. The "12 inch" measurement refers to what? _____
2. James Richard Jewett was a professor of _____ (what subject?) at _____
(what university?)
3. The official dedication of the observatory was in what year? _____
4. What color are the lights inside the dome of the observatory? _____
5. How big is the world's largest refracting telescope at Yerkes? _____
6. Who polished the lenses of both the Yerkes and the WSU telescopes? _____
7. Is there a bathroom at the observatory? _____
8. In the warming room, there is a poster. What is object number 27 on that poster called?

9. What is the focal length, in millimeters, of the eyepiece at the telescope? _____
10. The "largest" telescope at the observatory will be lurking inside the dome, if cloudy, but outside if clear. What is the diameter of its mirror? _____ inches.
11. Is there a heater in the dome where the telescope is? _____
12. What material is the lens cover made of? _____