

AST101 Quiz #2 — The Planisphere

Take Home

Name: _____

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All times refer to **local standard (non-daylight) time**.

1. What bright star is setting between the west-southwest and southwest on September 20 around 9 p.m.?
2. Vega rises about what time on September 12?
3. The bright star Rigel in Orion rises about what time on September 12?
4. What time on November 5 is the bright star Fomalhaut due south (closest to the south horizon)?
5. What bright star rises near the east-northeast (ENE) around 8 p.m. in mid January?

6. In what direction does the star Arcturus set? (To the nearest 16th of a circle: N, NNE, NE, ENE, E, etc.)
7. The stars on December 19 at 8 p.m. are in the same position as they are at what time on September 20?
8. On what date are the Pointer Stars of the Big Dipper lowest in the North (closest to the north horizon, due north) at 9 p.m.?
9. How many hours does the bright star Antares spend above the horizon?
10. What time does the sun set on March 21?