

Lunar Phases, Time and Eclipse Worksheet

Astronomy

Name _____

All times are for the first day of spring unless otherwise noted.

- 1) The sun is 52°E above the south horizon at midday, and is highest in the sky 5 hours and 13 minutes after Greenwich time.

Latitude _____ Longitude _____

- 2) The waxing gibbous moon is directly overhead. Time _____
- 3) The waning crescent is on the west horizon. Time _____
- 4) The moon is on the opposite side of the sky as the rising sun. Phase of moon _____
- 5) The waning gibbous is on the east horizon. Time _____
- 6) The moon rises about an hour before the sun rises. Phase of moon _____
- 7) The moon is directly overhead at sunrise. Phase of moon _____
- 8) The moon in the western sky at sunset. Phase of moon _____
- 9) It is ten days since the new moon occurred. Phase of moon _____
- 10) The moon cannot be seen during the afternoon. Phase of moon _____

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