

SCORE
(5 pts max)

ASTRONOMY 2
THIRD HOUR SESSION "M"

Review of Third Hour

NAME KEY-M

DATE

ID#

Scales:

1. If we represent the sun as a Grapefruit of diameter 10.0 cm, How big would Jupiter be? How big would the Earth be?

1.03 (± 0.03) cm

0.0918(± 0.018) cm

Star Charts:

2. What are the Dec and RA of Algol in the constellation of PERSEUS. What type of star is it?

+41° ($\pm 1^\circ$)

3h 05m (± 5 min)

variable

3. In what constellation does the sun appear on June 2.

Taurus

4. What named star on the SC001 star chart is on the meridian at noon on Jan 1?

Vega

5. If the Full moon is in the middle of PISCES what month must it be?

October

Sky Gazer's Almanac:

6. What day does Saturn rise at 10:30 pm?

May 12 (± 2 days)

7. When are Jupiter and Mars in conjunction with each other? When is the first of the planets in conjunction with the sun?

January 7 (± 1 day); November 25 (± 2 day)

8. What time does Neptune set on December 16?

11:20 pm (± 5 min)

9. What time does the moon set on December 13? What phase is it?

10:30 pm (± 5 min)

Waxing Crescent

Planispheres:

10. What time does ___ Altair set ___ on ___ December 9 ___ ?

9:00 pm (\pm 20 min)

11. What date does ___ Regulus rise ___ at ___ 9 pm ___ ?

December 30 (\pm 5 days)

Starry night:

12. Answer question _9_ again. Set Starry Night to PST. Set time to 9 pm.

10:42 pm (\pm 5 min)	Waxing Crescent
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13. Answer question _10_ again. Set Starry Night to PST. Set time to 8 pm.

9:13 pm (\pm 5 min)

14. What is the apparent magnitude of ___ Denebola ___ ? What constellation is it in?

2.12	Leo
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Solar System Object list on Final:

15. How many of the “Solar System Objects” of your Solar System Object List are pictured in the collage handed out to you?

4

16. Of those pictures found on your List in #15, how many could be found above the horizon on ___ December 20 ___ at ___ 11 pm PST ___ ?

3
