Closed book, closed notes. Clearly circle ("O") the one choice that you think is most definitely correct. Cross out ("×") only one choice that you think is definitely incorrect.

This quiz continues from questions (1)-(5) on the other side of this page.

For questions (6)-(7), on a certain day an observer in San Luis Obispo, CA notices that there are 12 hours between sunrise and sunset.

6. [4.0 points.] On this day, the sun will set on the horizon at a point:
(A) between northeast and east.
(B) due east.
(C) between east and southeast.
(D) between southwest and west.
(E) due west.
(F) between west and northwest.

7. [4.0 points.] How soon after this date will there be 12 hours between sunrise and sunset?
(A) One month.
(B) Three months.
(C) Six months.
(D) Nine months.
(E) Twelve months.

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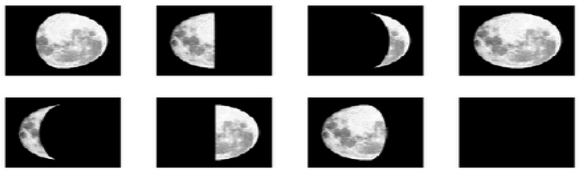
8. [4.0 points.] Approximately how many different moon phases can be observed in a one week period?
(A) Only one.
(B) Two.
(C) Four.
(D) Eight (all of them).

9. [4.0 points.] Which phase will the moon be in if it is setting at 12:00 PM? Clearly circle your answer below.



10. [4.0 points.] What time is it when the waning gibbous moon is highest overhead?
(A) 12:00 PM (noon).
(B) 3:00 PM (afternoon).
(C) 6:00 PM (sunset).
(D) 9:00 PM (evening).
(E) 12:00 AM (midnight).
(F) 3:00 AM (wee hours).
(G) 6:00 AM (sunrise).
(H) 9:00 AM (morning).