

Introductory Astronomy

NAME:

Homework –1: Course Site / Extended Syllabus: Homeworks and solutions are posted on the course web site. Homeworks are not handed in and not marked. But they are used for the reading-homework-self-testings (RHSTs). Also many homework problems (~ 50–70 %) will turn up on exams.

1. Did you complete reading-homework-self-testing for the Introductory Astronomy Lecture (IAL) by the weekly due date?
 - a) Yes! b) No. c) No! d) No, sir! e) OMG no!
2. Did you complete reading-homework-self-testing for the Introductory Astronomy Lecture (IAL) by the weekly due date?
 - a) YYYessss! b) Jawohl! c) Da! d) Sí, sí. e) OMG no!
3. “Let’s play *Jeopardy!* For \$100, the answer is: It is the course textbook, the student’s notes, the instructor’s lecturing tool, and the instructor’s notes.”

What is _____, Alex?

 - a) Ptolemy’s *Almagest* (c. 150 CE)
 - b) Copernicus’s *De Revolutionibus Orbium Coelestium* (1543)
 - c) Kepler’s *Astronomia Nova* (1609)
 - d) Newton’s *Principia* (1687)
 - e) *Introductory Astronomy Lectures* (2003)
4. Reports of reading-homework-self-testings (RHSTs) should be:
 - a) vague. b) illegible. c) precisely as specified. d) ambiguous. e) mystifying.
5. For a reading-homework-self-testing report, “All caught up.” is _____ acceptable.
 - a) always b) once c) once and once only d) depending-on-the-instructor-mood
 - e) never
6. The 19 reading-homework-self-testings (RHSTs) for Ast103: Planetary Systems are
 - a) -1, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18.
 - b) -1, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 20, 21, 22, 23, 25, 26, 28, 29.
 - c) -1, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.
 - d) 11, 12, 13, 14, 15, 16, 18, 21.
 - e) 21, 22, 23, 25, 26, 28, 29, 30.
7. The 19 reading-homework-self-testings (RHSTs) for Ast104: Star and Galaxies/Cosmology are
 - a) -1, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 18, 21.
 - b) -1, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 20, 21, 22, 25, 26, 28, 29, 30.
 - c) -1, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.
 - d) 11, 12, 13, 14, 15, 16, 18, 21.
 - e) 21, 22, 23, 25, 26, 28, 29, 30.
8. For in-person instruction where we have group activities, how many people should be in a group for group activities? Typically:
 - a) zero. b) 1. c) 2 or 3. d) at least 30. e) a committee of the whole.
9. For in-person instruction where we have group activities, your name should appear printed legibly on a group activity slip:
 - a) never. b) once. c) twice. d) as often as needed.
 - e) with letters randomly permuted.
10. “Let’s play *Jeopardy!* For \$100, the answer is: Comprehensive.”

What is _____, Alex?

 - a) *Introductory Astronomy Lectures* b) Exam 1 c) Exam 2
 - d) the mathematics included in this course e) the Final Exam

11. “Let’s play *Jeopardy!* For \$100, the answer is: For in-person instruction, reading-homework-self-testings (RHSTs) 10 %, group activities 10 %, 2 in-class tests 40 %, comprehensive final exam 40 %.”

What are grading categories and weighting for _____ with in-person instruction, Alex?

- a) organic chemistry b) film history c) graphic design d) calculus III
e) intro astronomy