

## 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 ( $\sim 50\text{--}70\%$ ) will turn up on exams.

001 qmult 00005 1 4 1 easy deducto-memory: reading-homework-self-testing done

- 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!

**SUGGESTED ANSWER:** (a)

**Wrong answers:**

e) As Lurch would say AAAARGH.

**Redaction:** Jeffery, 2008jan01

001 qmult 00007 1 4 1 easy deducto-memory: reading-homework-self-testing done 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!

**SUGGESTED ANSWER:** (a),(b),(c),(d)

**Wrong answers:**

e) As Lurch would say AAAARGH.

**Redaction:** Jeffery, 2008jan01

000 qmult 00010 1 4 5 easy deducto-memory: introductory astronomy lectures

- “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?

- Ptolemy’s *Almagest* (c. 150 CE)
- Copernicus’s *De Revolutionibus Orbium Coelestium* (1543)
- Kepler’s *Astronomia Nova* (1609)
- Newton’s *Principia* (1687)
- Introductory Astronomy Lectures* (2003)

**SUGGESTED ANSWER:** (e) Year 2003 was when *Introductory Astronomy Lectures* was started. Where will they end?

**Wrong answers:**

a) It would work—especially for those students fluent in ancient Greek.

**Redaction:** Jeffery, 2008jan01

000 qmult 00020 1 1 3 easy memory: reading-homework-self-testing reports precise

- Reports of reading-homework-self-testings (RHSTs) should be:

a) vague.    b) illegible.    c) precisely as specified.    d) ambiguous.    e) mystifying.

**SUGGESTED ANSWER:** (c)

**Wrong answers:**

a) Exactly wrong.

**Redaction:** Jeffery, 2008jan01

000 qmult 00022 1 1 5 easy memory: all caught up on RHSTs is unacceptable

- 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

**SUGGESTED ANSWER:** (e)

**Wrong answers:**

- a) Exactly wrong.

**Redaction:** Jeffery, 2008jan01

000 qmult 00026 1 1 1 easy memory: the RHSTs for Ast103: Planetary systems

6. The 20 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, 21.  
b) -1, 0, 1, 2,      3, 4, 5, 6,      7, 8, 9, 20,      21, 22, 23, 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.

**SUGGESTED ANSWER:** (a)

**Wrong answers:**

- c) These are not 20.

**Redaction:** Jeffery, 2008jan01

000 qmult 00028 1 1 2 easy memory: the RHSTs for Ast104: Star and Galaxies/Cosmology

7. The 20 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, 13, 14,      15, 16, 18, 21.  
b) -1, 0, 1, 2,      3, 4, 5, 6,      7, 8, 9, 20,      21, 22, 23, 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.

**SUGGESTED ANSWER:** (b)

**Wrong answers:**

- c) These are not 20.

**Redaction:** Jeffery, 2008jan01

000 qmult 00030 1 1 3 easy memory: group activities | in-person instruction only

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.

**SUGGESTED ANSWER:** (c)

**Wrong answers:**

- a) As Lurch would say AAAARRRRrrrgh.

**Redaction:** Jeffery, 2008jan01

000 qmult 00032 1 1 2 easy memory: group activity slip name | in-person instruction only

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.

**SUGGESTED ANSWER:** (b)

**Wrong answers:**

- c) Exactly wrong.

**Redaction:** Jeffery, 2008jan01

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000 qmult 00080 1 4 5 easy deducto-memory: final exam comprehensive

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

**SUGGESTED ANSWER:** (e)

**Wrong answers:**

- a) As Lurch would say AAAARGH.

**Redaction:** Jeffery, 2008jan01

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000 qmult 00090 1 4 5 easy deducto-memory: grade categories | in-person instruction only

11. “Let’s play *Jeopardy!* For \$100, the answer is: For in-person instruction, reading-homework-self-testings (RHSTs) 10 %, group activities 9 %, interview 1 %, 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

**SUGGESTED ANSWER:** (e)

**Wrong answers:**

- a) As Lurch would say AAAARGH.

**Redaction:** Jeffery, 2008jan01