

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.

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?
 - YYYessss!
 - Jawohl!
 - Da!
 - Sí, sí.
 - OMG no!

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

Wrong answers:

- 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:

- 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:
 - vague.
 - illegible.
 - precisely as specified.
 - ambiguous.
 - mystifying.

SUGGESTED ANSWER: (c)

Wrong answers:

- 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.
 - always
 - once
 - once and once only
 - depending-on-the-instructor-mood
 - never

SUGGESTED ANSWER: (e)

Wrong answers:

- Exactly wrong.

Redaction: Jeffery, 2008jan01

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

- The 20 reading-homework-self-testings (RHSTs) for Ast103: Planetary Systems are
 - 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

6. 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 00080 1 4 5 easy deducto-memory: final exam comprehensive

7. "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

000 qmult 00092 1 4 5 easy deducto-memory: grade categories | remote instruction only

8. "Let's play *Jeopardy!* For \$100, the answer is: For remote instruction, reading-homework-self-testings (RHSTs) 10 %, 2 in-class tests 40 %, comprehensive final exam 50 %."

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

000 qmult 00094 1 1 3 easy memory: grade record explanation

9. The grade records posted by anonymous aliases for Ast103/104 are undestandable without explanation since they are:

- a) invisible. b) just bottom-up. c) just top-down. d) left-to-right e) right-to-left.

SUGGESTED ANSWER: (c) See the site [Grade Record Interpretation](#) which is linked from the Course Site / Preliminary Syllabus.

Wrong answers:

b) Exactly wrong.

Redaction: Jeffery, 2008jan01