

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

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!

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

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

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)

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.

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

4. 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

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

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 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.

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 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.

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

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

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 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

SUGGESTED ANSWER: (e)

Wrong answers:

- a) As Lurch would say AAAARGH.

Redaction: Jeffery, 2008jan01