

Tutorials

Most are very useful study tools, although a few have parts that require too much calculation for this class. The following tutorials are interesting to explore but beyond what we will cover: the ones in the Telescopes chapter, the Greenhouse Effect tutorial in the Earth chapter, the two Binary Stars tutorials in the Measuring the Stars chapter, and the Gravitational Lensing tutorial in the Milky Way chapter.

Good review questions in Chaisson/McMillan 5/e.

Note that the website can grade these for you. The “Practice Problems” generally require too much calculation which is not the point of this class. So don’t worry about those. Focus on the “Practice Questions” (PQ below), “True or False” (TF), “Labeling” (L) and “Multiple Choice” (MC) questions. The ones listed here are not too quantitative, reflect important concepts, and are accurate.

Introduction

PQ: 4 7-13
TF: 4 7-12, 14 15
L: both
MC: 1-17

Chapter 1

PQ: 1-6 8-12
TF: all
L: both
MC: 1-16 18

Chapter 2

PQ: 1 2 4 7-15
TF: all
L: both
MC: 1-16 18

Chapter 3

PQ: 3 4 6 8 9 12
TF: 2-4 6 7-13 15
MC: 1-5 8-15

Chapter 4 (be careful, some of these still mistakenly treat Pluto as a planet!)

PQ: all
TF: all
L: both
MC: 1-18

Chapter 5

PQ 2-13
TF: all
L: both
MC 1-17

Chapter 6

PQ: 1-4, 6-8 10-14
TF: 1-9 10-15
L: both
MC 1-17

Chapter 7

PQ 1 3-6 10 12-14
TF: 1-14
L: both
MC: 1-12 13-19

Chapter 8

PQ 1-4 5-10 12-15
TF: all
L: both
MC: 1-15

Chapter 9

PQ: 1-10 12 13 15
TF: all
L: both
MC: 1-16

Chapter 10

PQ: 1-10 14
TF: 1-6 9-15
L: both
MC: 1-4 6-14 16

Chapter 11

PQ: 1-7 9-12 14 15

TF: all

MC: 1-3 5-18

Chapter 12

PQ: 1-8 10-15

TF: all

L: both

MC: 1-17

Chapter 13

PQ: 1 3-5 8-10 13

TF: 2-6 8 10-13

MC: 1-8 10-18

Chapter 14

PQ: 1 3-8 10-15

TF: all

L: both

MC: 1-16

Chapter 15

PQ: 1-11

TF: 1-11 13 14 18 19

L: 1

MC: 1-10 12 13 20 21

Chapter 16

PQ: 1 3 6 9 11 12

TF: 2-8

MC: 8-13

Chapter 17

PQ: 1 2 4 6 7 8 11 15

TF: 1-7 9 11-16

L: 2

MC: 1-7 10-12 17 18 20

Chapter 18

PQ: 1-4 11-15

TF: all

L: 2

MC: 1-16 20

