

# Stars Galaxies And The Universe Chapter Test

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### Stars Galaxies And The Universe

#### "Stars and Galaxies"

star, measurement of different properties of stars, birth, evolution and death of stars, strange states of matter (neutron stars and black holes), Milky Way Galaxy, study of the Universe beyond our Galaxy, formation and evolution of galaxies As we consider more distant objects, such as active galaxies and quasars, we move backwards in time,

#### **Stars, Galaxies, and the Universe The Expanding Universe**

Stars, Galaxies, and the Universe The Expanding Universe Key Concepts What is the big bang theory? How did the solar system form? What do astronomers predict about the future of the universe? Astronomers theorize that billions of years ago, the universe was no larger than the period at the end of this sentence This tiny universe was

#### **Galaxies and the Universe**

488 CHAPTER 16 Stars and Galaxies Standard —731: Recognize and describe that the Sun is a medium-sized star located near the edge of a disk-shaped galaxy of stars and that the universe contains many billions of galaxies and each galaxy contains many billions of stars

#### **Stars, Galaxies, and the Universe The Expanding Universe**

The Expanding Universe This section explains how astronomers think the universe and the solar system formed Use Target Reading Skills As you read about the evidence that supports the big bang theory, complete the graphic organizer Stars, Galaxies, and the Universe

#### **Stars, Galaxies, and the Universe**

Stars, Galaxies, and the Universe CHAPTER OUTLINE 11 Stars 12 Galaxies 13 The Universe 14 References The Whirlpool Galaxy, also known as M51, is a spiral galaxy about 23 million light-years from Earth Its interactions with the yellowish dwarf galaxy NGC 5195 are of interest to astronomers because the galaxies are near enough to Earth to be

## Stars, Galaxies, Superuniverses, and the Urantia Book

stars in the universe The Mass of the Master Universe Given the number of stars in the master universe it is possible to estimate its mass Given that the sun is an average star, and the mass of the sun is  $1.989 \times 10^{33}$  g (grams), then the mass of all the stars in the master universe would be  $44 \times 10^{21} \times 1.989 \times 10^{33} = 9 \times 10^{54}$  g

## Stars, Galaxies, and the Universe Section 1 ...

Origin of Galaxies Some of the most distant objects are quasars Quasars are star like sources of light that are extremely far away Quasars are one of the most powerful energy sources in the universe They may be caused by massive black holes in the cores of some galaxies Many astronomers believe that quasars are the most distant objects yet detected in the universe

## STARS, GALAXIES AND THE UNIVERSE Types of Telescopes

STARS, GALAXIES AND THE UNIVERSE Types of Telescopes Telescope literally means far seeing , from the Greek words tele meaning far and skopein meaning to see or to look The word telescope most usually refers to optical telescopes that receive the visible wavelengths of light There are also sophisticated telescopes

## STAAR Science Tutorial 34 TEK 8.8A: Stars, Galaxies and ...

TEK 88A: Stars, Galaxies and the Universe TEK 88A: Describe components of the universe, including stars, nebulae, and galaxies, and use models such as the Hertzsprung-Russell diagram for classification Big Bang Theory of Universe Creation Scientists believe that the universe as we know it was created about 13.7 billion

## Moons, Planets, Solar System, Stars, Galaxies, in our ...

Moons, Planets, Solar System, Stars, Galaxies, in our Universe - An introduction by Rick Kang Education/Public Outreach Coord Oregon Astrophysics Outreach

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## Stars and Galaxies

Stars, Galaxies, and the Universe Make the following Foldable to show what you know about stars, galaxies, and the universe Fold a sheet of paper from side to side Make the front edge about 12.5 cm shorter than the back edge Turn lengthwise and fold into thirds Unfold and cut only the top layer along both folds to make three tabs

## CHAPTER 19 SECTION 1 Stars - Home - SCCPSS

Interactive Textbook 371 Stars, Galaxies, and the Universe SECTION2 The Life Cycle of Stars Stars, Galaxies, and the Universe Name Class Date CHAPTER 19 After you read this section, you should be able to answer these questions: • How do stars change over time? • What is an H-R diagram? • What may a star become after a supernova? How Do

## Stars, Galaxies, and the Universe Star Systems and Galaxies

Star Systems and Galaxies Key Concepts What is a star system? What are the major types of galaxies? How do astronomers describe the scale of the universe? Our solar system has only one star, the sun Most stars are members of groups of two or more stars, called star systems Star systems that have two

## Chapter: Stars and Galaxies

Galaxies and the Milky Way 3 • The spiral arms contain both young stars and prestellar material, such as glowing nebulae Galaxy Center • Recent theories suggest that extremely massive black holes might exist at the cores of galaxies

### **Stars, Galaxies, & the Universe**

the final grade, where 15% is the content test and 5% is identification of stars and constellations The total time for the final exam is exactly 2 hours If you miss a test, contact me by telephone or email as soon as possible so that arrange- Stars, Galaxies, & the Universe

### **Stars, Galaxies and the Universe (29:50 - Dr. Lang) Final ...**

1 Stars, Galaxies and the Universe (29:50 - Dr Lang) Final Exam - December 15th 2005 Form A 1 What is dark energy? (a) matter which is not detectable visually, but by the effects of gravity

### **Stars and Galaxies - StarDate**

A galaxy is a gravitationally bound system of stars, gas, and dust Galaxies range in diameter from a few thousand to a few hundred thousand light-years Each galaxy contains billions ( $10^9$ ) or trillions ( $10^{12}$ ) of stars In this activity, you will apply concepts of scale to grasp the distances between stars and galaxies

### **Cullman Hall of the Universe Activities for Grades 6-8 ...**

Cullman Hall of the Universe Activities for Grades 6-8 Investigate Planets, Stars, Galaxies, and the Universe NYS Science Core Curriculum S4 PI 11A: Earth's Sun is an average-sized star S4 PI 11B: Other stars are like the Sun but are so far away that they look like points of light Distances