

## Plant Cell Lab Answers

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### Plant Cell Lab Answers

The important organelles that can be seen are the cell wall (for the plant cells), the cell membrane, the nucleus, and the cytoplasm. Those organelles could be seen due to the fact that they are the largest organelles in the cell and also due to the dye which brought them out.

**Plant & Animal Cells Staining Lab Answers | SchoolWorkHelper**  
Lab 3: Plant and Animal Cells Answer Sheet Fill Out the Table Below-Structure/Function Animal Cell Structure Plant Cell Structure Outer Boundary of Cell Cell membrane Cell membrane Contains Genetic Material (DNA) Nucleus Nucleus Long, Uncoiled Strands of DNA chromatin Chromatin Watery, Gel-Like Substance cytoplasm Cytoplasm Channels that Move Materials Endoplasmic Reticulum (E.R.) Endoplasmic Reticulum (E.R.) Site of Protein Synthesis Ribosome ribosome Package and Move Proteins Golgi bodies ...

### Plant and Animal Cell Answer Sheet - Lab 3 Plant and ...

2. Name two structures found in plant cells but not animal cells. chloroplasts, cell walls, central vacuole. 3. Name three structures found in plant cells AND animal cells. nucleus, cell membrane, cytoplasm, endoplasmic reticulum, golgi apparatus, ribosomes. 4. What structure surrounds the cell membrane (in plants) and give the cell support? cell wall

### Plant Cell Lab - The Biology Corner

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### Plant and Animal Cell Lab 3.docx - Lab 3 Plant and Animal ...

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### Plant Cell Lab Answers

Question: Part I: Mitosis In Plant Cells - Completed In 1 Lab On March 4th; Grade Is Posted Lab 11 Part II: Mitosis In Animal Cells Conduct A 2 Google Search Using The Search Terms Mitosis Whitefish Blastula. Use The Images You See To Help You Draw One Cell In Each Stage As Outlined On Pages 86-88. Make Sure To Color And Label Your Drawing As Indicated In The ...

### Solved: Part I: Mitosis In Plant Cells - Completed In 1 L ...

In plant and animal cells, similarities and differences exist because of varied life functions. In this investigation, you will compare the structures of 2 typical plant cells, onion (Allium) and Elodea densa (Anacharis- a common aquarium plant), with a typical animal cell, a cheek cell.

### LAB - Plant vs Animal Cells

Plant Cells Internet Lab. Introduction: If you missed the microscope lab we did in class, you will need to make it up by using a "virtual microscope" which can be accessed on the internet.

### Plant Cells Virtual Lab - The Biology Corner

Both plant cells and animal cells contain mitochondrion and yet there were not visible in the cells you viewed in this lab. Does this mean that these organelles are not found in cheek and onion cells? Why or why not?

### LAB: Observing Plant and Animal Cells

Hours of Stage 24 x Number of Cells in Stage Total Number of Cells Counted 4. Locate the region just above the root cap tip. 5. Locate a good example of a cell in interphase, prophase, metaphase, anaphase, and telophase. 6. Draw the dividing cell in the appropriate area for each stage of the cell cycle. Include your drawings in Table 3 196

### Solved: Lab 11 Mitosis And Meiosis Experiment 1: Observati ...

Introduction Every somatic cell undergoes a phase called mitosis. Mitosis is the division of the nucleus to form two genetically identical nuclei. There are four phases of mitosis: prophase, metaphase, anaphase and telophase. Prior to mitosis is interphase (when the cell grows and duplicates all organelles), and post-mitosis is cytokinesis (when the cell membrane pinches...

### Onion Root Cell Cycle Lab Answers | SchoolWorkHelper

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### CELLS alive!

Plant cells have a outside boundary that maintains the plant from falling or breaking, which is called the cell wall. Plant cells have chloroplasts which captures the energy from sunlight and converts it into chemical energy. Chlorophyll is the structure that gives a greenish color to a plant.

### Comparing Plant cells and Animal cells Lab Report

Answer will vary, suggested answer: A chloroplast is an organelle in plant cells that makes food for the plant. 12. Answer will vary, suggested answer: No, it could not survive because the mitochondria provides energy to the cell. 13. Answer will vary, suggested answer: Cell membrane lets material in and out and keeps the cell together.

### Lesson 4.10: Life Science Plant & Animal Cell Functions

Answer questions 5-9. Part C: Cheek Cells (animal) Obtain a prepared slide containing human cheek cells. The cells have been stained with methylene blue. Observe the cells on low, intermediate and high power. Answer questions 10-13. Part D: Cork Cells (plant) 1. Obtain a very thin slice of cork. 2. Make a wet mount slide. 3.

### Cell Lab - Laurel County

Start studying Lab #2 Microscopes and Cells: Biology 1. Learn vocabulary, terms, and more with flashcards, games, and other study tools.

### Lab #2 Microscopes and Cells- Biology 1 Flashcards | Quizlet

As in all plant cells, the cell of an onion peel consists of a cell wall, cell membrane, cytoplasm, nucleus and a large vacuole. The nucleus is present at the periphery of the cytoplasm. The vacuole is prominent and present at the centre of the cell. It is surrounded by cytoplasm. The presence of a cell wall and a large vacuole are indicators that help identify plant cells, such as seen in the onion peel. Human Cheek Cell

### Onion and Cheek Cells (Theory) : Class 9 - Online Lab

These are my hypotheses for this lab: 1.Plant and animal cell mitosis will be the same until the cell reaches telophase and cytokinesis. 2.The estimated duration of each stage (longest to shortest): Anaphase (sister chromatids have to separate to opposite poles) Metaphase (align in the middle of the cell and organize) Prophase (nuclear envelope ...

### Mitosis and Chromosome Number Lab Report - BIO 101 - StuDocu

Label the magnification under which the plant cells are being observed (40x or 100x). Label the sketches to note the cell structures that you can identify. Be sure to note any changes in the color, size, and shape of the cells. Make your sketches as accurate as possible. Conclusions Answer the following questions in your lab notebook.

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