

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

**Chapter 10 Cell Growth and Division****Section 10-1 Cell Growth (pages 241-243)****Key Concept**

- What problems does growth cause for cells?

**Limits to Cell Growth (pages 241-243)**

- What are two reasons why cells divide rather than continue to grow indefinitely?
  - The larger a cell becomes, the more demands the cell places on its DNA.  
\_\_\_\_\_
  - The larger a cell becomes, the more trouble the cell has moving nutrients and wastes across the cell membrane.  
\_\_\_\_\_
- Is the following sentence true or false? As a cell increases in size, it usually makes extra copies of its DNA. false
- Circle the letter of what determines the rate at which food and oxygen in a cell are used up and waste products produced.
 

a. The cell's organelles	c. The cell's location
<b>b.</b> The cell's volume	d. The cell's DNA
- How can you obtain a cell's ratio of surface area to volume? Divide the surface area by the volume.
- If a cell's surface area is  $6 \text{ cm}^2$  and its volume is  $1 \text{ cm}^3$ , then what is its ratio of surface area to volume? 6 / 1 or 6 : 1
- Is the following sentence true or false? As a cell grows in size, its volume increases much more rapidly than its surface area. true
- Circle the letter of what happens to a cell's ratio of surface area to volume as the cell's volume increases more rapidly than its surface area.
 

<b>a.</b> The ratio decreases.	c. The ratio remains the same.
b. The ratio increases.	d. The ratio disappears.

**Division of the Cell (page 243)**

- What is cell division? Cell division is the process by which a cell divides into two new daughter cells.
- How does cell division solve the problem of increasing size? Cell division reduces cell volume.

Click here to access this Book :

**FREE DOWNLOAD**







# Biology Answer Key Cell Growth And Division

## [Biology Answer Key Cell Growth](#)

Thank you for reading [Biology Answer Key Cell Growth And Division](#). As you may know, people have search hundreds times for their favorite novels like this Biology Answer Key Cell Growth And Division, but end up in malicious.

Rather than enjoy a good book with a cup of coffee in the afternoon, instead, they face with a infectious virus harmful} in their computer.

Biology Answer Key Cell Growth And Division is available in our digital library which online access is set to public so you can get it instantly.

Our digital library hosts in multiple countries, giving you the shortest latency time to download any of our books like this one.

Simply said, the Biology Answer Key Cell Growth And Division is universally compatible with all reading devices

[Thoughtful Reader 5th Edition](#), [Woman Who Disappeared Macmillan Readers Book Mediafile Free File Sharing](#), [Cows Make The Best Burgers Developing Change Ready People And Organizations](#), [Realms Readings Anthropology Religion Richard, Mahas Dento Gulf By Mahalingam K Goodreads](#), [Language Of Composition Reading Writing Rhetoric Renee H Shea](#), [Steps To Improving College Reading Skills 5th Edition Free About Steps To Improving College Reading](#), [Dover Bronze Age Boat Ielts Reading Answers](#), [And Practice Of Ethnography Readings From The Periphery](#), [Elements Of Moral Philosophy And Right Thing To Do Basic Readings In Moral Philosophy And A Dicionary Of Common Philosophical Terms All 3 Books Included](#), [For Successful Writing A Rhetoric Research Reader And Handbook 10th Edition](#), [Art Of Critical Reading Brushing Up On Your Reading Thinking And Study Skills](#), [Communication 7th Edition](#)

[Free About Communication 7th Edition Or Read Online Viewe](#), [Caramel Tree Readers Level 2](#), [Adolescent By Gouws E Free About Adolescent By Gouws E Or Read Online Viewer Search Kindle And](#), [Civilization Selected Readings Vol 2 The Empire](#), [Adventures Of Huckleberry Finn Macmillan Reader](#), [Reading And Writing Teacher Book And Digiboo](#), [Reading Writing Level 3 Macmillan English](#), [Explorer Grade 6 D Reading And Study Workbook](#), [The War Out Of Our Words Free About The War Out Of Our Words Or Read Online Viewer](#), [Art Of Spiritual Writing How To Craft Prose That Engages And Inspires Your Readers](#), [Reading Level 2 Teacher Apos S, J1926 1 Straight Thread O Ring Port Iso 11926 1](#), [Gods And Demigods Read Son Of Neptune Fanfiction](#), [Wars The Essential Readers Companion Pablo Hidalgo](#), [10 Dailies First Grade Reading](#), [Earthscan Reader In Sustainable Development Earthscan Reader Series](#), [King Apt Pupil Read Online](#), [Steps To Advanced Reading Mastery Test Answers](#), [Ein Reader De Gruyter Studium](#)