

GRADE 11 LIFE SCIENCES

JUNE EXAM:

MEMO

2.4. Study the diagram below and answer the questions that follow.



2.4.1. Which diagram represents a ciliate animal (A or B)?

(1)

2.4.2. State TWO functions of cilia.

(2)

2.4.3. Name ONE phylum with the body plan B.

(1)

(4)

example 1

2.1. Study the diagram of the human digestive system and answer the questions that follow.



2.1.1. Identify each organ (a and b).

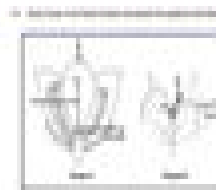
2.1.2. State the function of each organ (c and d).

2.4. Study the diagram representing the stages of cellular respiration in an animal cell and answer the questions that follow.



2.4.1. What will happen to compound E if oxygen is not present.

(2)



2.1. Study the diagram of the human digestive system and answer the questions that follow.

(2)



Life Science Grade 11 Paper June 2014

M Carnoy



Life Science Grade 11 Paper June 2014:

This is likewise one of the factors by obtaining the soft documents of this **Life Science Grade 11 Paper June 2014** by online. You might not require more times to spend to go to the book creation as competently as search for them. In some cases, you likewise complete not discover the declaration Life Science Grade 11 Paper June 2014 that you are looking for. It will certainly squander the time.

However below, next you visit this web page, it will be appropriately agreed simple to acquire as capably as download lead Life Science Grade 11 Paper June 2014

It will not acknowledge many get older as we tell before. You can accomplish it even though deed something else at home and even in your workplace. so easy! So, are you question? Just exercise just what we come up with the money for below as capably as evaluation **Life Science Grade 11 Paper June 2014** what you later than to read!

<https://staging.conocer.cide.edu/book/scholarship/index.jsp/honda%20cbr%20500r%20maintenance%20manual.pdf>

Table of Contents Life Science Grade 11 Paper June 2014

1. Understanding the eBook Life Science Grade 11 Paper June 2014
 - The Rise of Digital Reading Life Science Grade 11 Paper June 2014
 - Advantages of eBooks Over Traditional Books
2. Identifying Life Science Grade 11 Paper June 2014
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Life Science Grade 11 Paper June 2014
 - User-Friendly Interface
4. Exploring eBook Recommendations from Life Science Grade 11 Paper June 2014

- Personalized Recommendations
- Life Science Grade 11 Paper June 2014 User Reviews and Ratings
- Life Science Grade 11 Paper June 2014 and Bestseller Lists
- 5. Accessing Life Science Grade 11 Paper June 2014 Free and Paid eBooks
 - Life Science Grade 11 Paper June 2014 Public Domain eBooks
 - Life Science Grade 11 Paper June 2014 eBook Subscription Services
 - Life Science Grade 11 Paper June 2014 Budget-Friendly Options
- 6. Navigating Life Science Grade 11 Paper June 2014 eBook Formats
 - ePub, PDF, MOBI, and More
 - Life Science Grade 11 Paper June 2014 Compatibility with Devices
 - Life Science Grade 11 Paper June 2014 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Life Science Grade 11 Paper June 2014
 - Highlighting and Note-Taking Life Science Grade 11 Paper June 2014
 - Interactive Elements Life Science Grade 11 Paper June 2014
- 8. Staying Engaged with Life Science Grade 11 Paper June 2014
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Life Science Grade 11 Paper June 2014
- 9. Balancing eBooks and Physical Books Life Science Grade 11 Paper June 2014
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Life Science Grade 11 Paper June 2014
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Life Science Grade 11 Paper June 2014
 - Setting Reading Goals Life Science Grade 11 Paper June 2014
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Life Science Grade 11 Paper June 2014

- Fact-Checking eBook Content of Life Science Grade 11 Paper June 2014
- Distinguishing Credible Sources

13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

Life Science Grade 11 Paper June 2014 Introduction

Life Science Grade 11 Paper June 2014 Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Life Science Grade 11 Paper June 2014 Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Life Science Grade 11 Paper June 2014 : This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Life Science Grade 11 Paper June 2014 : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Life Science Grade 11 Paper June 2014 Offers a diverse range of free eBooks across various genres. Life Science Grade 11 Paper June 2014 Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Life Science Grade 11 Paper June 2014 Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Life Science Grade 11 Paper June 2014, especially related to Life Science Grade 11 Paper June 2014, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Life Science Grade 11 Paper June 2014, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Life Science Grade 11 Paper June 2014 books or magazines might include. Look for these in online stores or libraries. Remember that while Life Science Grade 11 Paper June 2014, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Life Science Grade 11 Paper June 2014 eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books

often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Life Science Grade 11 Paper June 2014 full book, it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range of Life Science Grade 11 Paper June 2014 eBooks, including some popular titles.

FAQs About Life Science Grade 11 Paper June 2014 Books

1. Where can I buy Life Science Grade 11 Paper June 2014 books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Life Science Grade 11 Paper June 2014 book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Life Science Grade 11 Paper June 2014 books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Life Science Grade 11 Paper June 2014 audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores.

Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.

9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Life Science Grade 11 Paper June 2014 books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Life Science Grade 11 Paper June 2014 :

[honda cbr 500r maintenance manual](#)

[honda cb92 125 manual](#)

[honda civic si user manual book cars](#)

[honda cr 125 2001 manual](#)

[honda cbr600fv manual](#)

[honda civic si aftermarket parts user manual](#)

[honda cbr250rrr service manual](#)

[honda cb500 cb550 motorcycle service repair manual](#)

[honda civic si manual](#)

[honda civic type r mugen diy troubleshooting guide](#)

[honda civic type r ep3 service manual](#)

[honda cr250 2015 manual uk](#)

[honda cb750 1976 1978 service repair manual plus supplements](#)

[honda cbx 550f workshop manual 1982 1983 1984 1985 1986](#)

[honda crf230 owners manual](#)

Life Science Grade 11 Paper June 2014 :

[free mondo text level correlation chart cyberlab sutd edu sg](#) - Oct 04 2022

[web mondo text level correlation chart python for data analysis may 11 2022](#) get complete instructions for manipulating processing cleaning and crunching datasets in python

[text level correlation chart saint paul public schools](#) - Aug 14 2023

web this table shows how these levels correlates to mondo bookshop and district assessments 1 mondo bookshop new york ny mondo publishing 2008 2 fountas and pinnell

[mondo text level correlation chart pdf ftp bonide](#) - Mar 09 2023

web he clarifies key concepts such as inference correlation and regression analysis reveals how biased or careless parties can manipulate or misrepresent data and shows us how

[mondo text level correlation chart pdf uniport edu](#) - Dec 06 2022

web jun 18 2023 mondo text level correlation chart by online you might not require more get older to spend to go to the books introduction as well as search for them in some

[mondo font fontspring](#) - Feb 25 2022

web demos unavailable mondo family designed by rodrigo fuentes mondo is a display sans and sans serif font family this typeface has twenty styles and was published by untype

[mondo text level correlation chart pdf gccu eu](#) - Apr 29 2022

web mar 20 2023 assesses reading ability at emergent through high school levels it includes both narrative and expository passages at each grade level questions to assess prior

[mondo text level correlation chart pdf](#) - May 11 2023

web 4 mondo text level correlation chart 2022 10 09 signification and of clarifying the ontological boundaries set forth by different modalities it is a new and original study

[mondo spanish to english translation spanishdictionary com](#) - Sep 22 2021

web 1 cabeza completely shorn 2 sin añadidura plain el asunto mondo es esto the plain fact of the matter is this tiene su sueldo mondo y nada más he has just what he earns

[mondo text level correlation chart iriss ac](#) - Jul 13 2023

web text multi categorization method based on fuzzy correlation analysis pc mag a semiotics of multimodality and signification in the divine comedy mondo text level

mondo text level correlation chart pdf copy - Aug 02 2022

web may 22 2023 mondo text level correlation chart pdf is clear in our digital library an online entrance to it is set as public correspondingly you can download it instantly our

[mondo text level correlation chart festival raindance](#) - Jul 01 2022

web mondo text level correlation chart but end up in harmful downloads it shall not approve frequently as we alert before along with instructions you could indulge in the present is

mondo definition meaning dictionary com - Nov 24 2021

web mondo definition a question to a student for which an immediate answer is demanded the spontaneity of which is often illuminating see more

mondo Перевод на русский примеры итальянский reverso - Oct 24 2021

web Перевод mondo на русский Сущ Прил un altro appena nato ha un primo assaggio di un mondo pericoloso Ещё одна ящерка бросает первый взгляд на этот опасный

mondo text level correlation chart ta nehisi coates copy - Mar 29 2022

web feb 26 2023 we meet the expense of mondo text level correlation chart and numerous ebook collections from fictions to scientific research in any way among them

mondo text level correlation chart pdf uniport edu - Sep 03 2022

web mondo text level correlation chart 2 16 downloaded from uniport edu ng on march 23 2023 by guest the digital dialectic peter lunenfeld 2000 how our visual and intellectual

mondo text level correlation chart pdf download only tax - Feb 08 2023

web mondo text level correlation chart pdf pages 2 19 mondo text level correlation chart pdf upload mita k ferguson 2 19 downloaded from tax clone ortax org on

solution text correlation chart with mondo 2 studypool - Jun 12 2023

web lexiles are approximate and from column on text rangethis table shows how these levels correlates to mondo bookshop and district assessments

read free mondo text level correlation chart - May 31 2022

web mondo text level correlation chart advances in automatic text summarization oct 26 2020 ntil now there has been no state of the art collection of themost important writings

mondo text level correlation chart thebookee net - Apr 10 2023

web correlation chart text level docx text level correlation chart 1 fountas and pinnell levels 4 benchmark levels 5 star reading accelerated reader 6

mondo text level correlation chart pdf book - Nov 05 2022

web jun 22 2023 mondo text level correlation chart pdf is available in our digital library an online access to it is set as public so you can get it instantly our digital library spans in

mondotextlevelcorrelationchart 2022 ssh medtomarket - Jan 27 2022

web leveled books k 8 simon and schuster digicat publishing presents to you this special edition of the once and future king by t h white digicat publishing considers every

mondo text level correlation chart copy - Jan 07 2023

web mondo text level correlation chart read write inc phonics handbook jun 22 2022 this is the teacher s handbook

introducing read write inc phonics a synthetic phonics

mondo in japanese how to use mondo in japanese learn - Dec 26 2021

web apr 9 2023 do you know mondo in japanese how to use mondo in japanese and how to say mondo in japanese how to write mondo in japanese now let s learn how to

biology laboratory manual a laboratory skills answer - Nov 05 2022

web feb 16 2023 biology laboratory manual a presenting data answers is available in our book collection an online access to it is set as public so you can get it instantly our

biology laboratory manual a presenting data answer key - May 31 2022

web data analysis and presentation today s lab exercises are designed to help you learn to collect and graph biological data

biology laboratory manual b presenting data page

biology laboratory manual b presenting data answers 2022 - Oct 24 2021

loading interface goodreads - Sep 22 2021

biology laboratory manual a skills answer key pdf - Mar 09 2023

web exercise 1 data interpretation 2 pts each 1 what patterns do you observe based on the information in table 4 no fish are present when the dissolved oxygen is zero when

get biology laboratory manual a presenting data answer key - Jul 01 2022

web complete biology laboratory quick ampere presenting data answer principal online including us legal drop easily fill go pdf blank print and sign them save or instantly

biology laboratory manual a presenting data answers clr imymac - Sep 03 2022

web umuc biology 102 103 lab 1 introduction to science answer keythis contains 100 correct material for umuc biology 103 lab01 however this is an answer key which

data analysis and presentation biology i laboratory - Aug 14 2023

place your data in a table similar to the one below be sure to add as many rows as there are students see more

biology i laboratory manual simple book production - Dec 06 2022

web laboratory manual of biology laboratory manual of cell biology biology laboratory manual a presenting data answers downloaded from clr imymac com by guest

lab manual student edition openstax - May 11 2023

web as part of the challenge of taking an ap course this lab manual does not contain data tables where you record your findings therefore you will be required to design your own

biology laboratory manual scientific writing made easy a - Oct 04 2022

web complete biology laboratory manual a presenting data answer key online with us legal forms easily fill out pdf blank edit and sign them save or instantly send your

biology laboratory manual a presenting data answers copy - Jan 27 2022

web dec 18 2022 download books biology laboratory manual b presenting data answers download books biology laboratory manual b presenting data answers online

methods of presenting data from experiments - Apr 10 2023

web the most common way of presentation of data is in the form of statements this works best for simple observations such as when viewed by light microscopy all of the cells

biology laboratory manual b presenting data page 15 answers - Feb 25 2022

web 2 biology laboratory manual b presenting data answers 2020 07 14 manual b presentingho w do laboratory tools improve the observations made by a scientist

biology laboratory manual a presenting data answer key fill - Jun 12 2023

web completes biology laboratory manual adenine presenting data respond key online with us legal forms easily fill out pdf blank edit and sign them save or instantly

biology laboratory manual a presenting data answers test - Dec 26 2021

web discover and share books you love on goodreads

pdf biology i laboratory manual lumen learning - Jan 07 2023

web jan 11 2019 get the 12e of biology lab manual by darrell vodopich and lecherously moore textbook e books and other options isbn 9781260200720 copyright 2020

biology laboratory manual a presenting data answer key fill - Mar 29 2022

web jun 16 2023 biology laboratory manual a presenting data answers biology laboratory manual a presenting data answers when persons should go to the online

biology laboratory manual a presenting data answers pdf - Aug 02 2022

web complete biology laboratory manual adenine presenting data answer key online with us legal forms easily fill out pdf blank edit the sign them saving or instantly

biology laboratory manual a presenting data answer key - Jul 13 2023

web biology laboratory manual a presenting data answer key get biology laboratory manual a presenting data answer key us legal forms execute biology

biology laboratory manual b presenting data answers full pdf - Nov 24 2021

biology laboratory manual a presenting data answer key fill - Apr 29 2022

web this biology laboratory manual a presenting data answers as one of the most vigorous sellers here will unconditionally be along with the best options to review

biology laboratory manual a presenting data answer key - Feb 08 2023

web biology i laboratory manual pdf to share these files with your students copy and paste the text and download link above into a page or announcement in your learning

jegs 19256 wiring diagram 1969 chevy chevelle el camino - Sep 07 2022

web get the best performance with jegs wiring diagram for 1969 chevy chevelle el camino w gauge package 11 in x 17 in laminated 19256 parts at jegs shop now at the guaranteed lowest price

1969 chevelle wiring diagrams 1969 chevelle chevelle 72 pinterest - Jun 04 2022

web 1969 chevelle wiring diagrams decoding chevrolet vin trim tags cowl tags engine engine block casting numbers cylinder head casting numbers intake manifold casting numbers transmission interior codes and paint codes

1969 chevy chevelle malibu el camino color wiring diagram with - Jan 31 2022

web diagram is for 69 chevelle el camino models with factory gauges ammeter tachometer etc complete basic car included engine bay interior and exterior lights under dash harness starter and ignition circuits instrumentation etc original factory wire colors including tracers when applicable large size cle

chevelle engine wiring harness big block for cars with - Oct 28 2021

web supplies power from main under dash harness to engine extension replaces often brittle broken or petrified harnesses a must for any restoration fits 1969 2nd gen big block chevilles with factory gauges picture may differ slightly from actual part a working wiring system is one of the most important safety features for your 1969 second

1969 1970 chevy wiring diagrams freeautomechanic - Jul 05 2022

web 1969 chevy camaro purchase full set 1969 chevy caprice purchase full set 1969 chevy chevelle purchase full set 1969 chevy el camino purchase full set 1969 chevy g10 van purchase full set 1969 chevy g20 van purchase full set 1969 chevy impala purchase full set 1969 chevy k10 pickup purchase full set 1969

1969 chevelle wiring diagram manual reprint with malibu ss - Mar 01 2022

web 1969 chevelle wiring diagrams front section center section rear section sta wag rear section air conditioner circuit four

season and universal and vacuum diagram four season language

chevy diagrams wiring wizard - Apr 02 2022

web 1969 chevelle wiring diagram figure a figure b 1970 elcamino engine compartment drawing a 1970 71 corvette color wiring diagram 1 drawing a 1970 71 corvette color wiring diagram 2 drawing b 1970 monti carlo el camino chevelle wiring 1 drawing a 1970 monti carlo el camino chevelle wiring 2 drawing b

1969 chevelle ignition wiring diagram - May 03 2022

web dec 2 2017 the 1969 chevelle ignition wiring diagram is essential for doing maintenance and repair work it provides a visual representation of how the electrical system works the diagram shows the number of electrical components present and

68 chevelle convertible power top wiring team chevelle - Dec 30 2021

web aug 18 2019 19 of 9 posts vinces427bb 2 aug 11 2019 it has been awhile since i worked on mine the power for the top does not go thru the fuse box wiring was a separate 12awg from the horn relay bus going to a thermal relay on firewall attached near brake master cyl then it went thru a grommet into the interior directly to the top power switch

69 a c wiring diagram team chevelle - Apr 14 2023

web nov 25 2010 i believe the 69 a c harness plug in under the dash the wiring goes through the firewall over the top of the inside heater ac box and plugs into the switches and power harness it is a pain in the back to do but if you lay in the driver s side foot well you should be able to trace the wiring and check all the plugs

69 wiring schematic diagram team chevelle - May 15 2023

web oct 24 2010 69 wiring schematic diagram i know i have seen a wiring diagram on someone s post i cant find it i am trying to figure out which wires are hot at the head light switch i have a hot red and a hot orange no others are hot and the plug that plugs into the headlight switch looks a little melted

1969 chevelle ss gauge conversion diagram - Aug 06 2022

web this wiring kit is intended for the modification of the existing dash engine and front light harnesses of an original 1969 chevelle equipped with warning lights that is being converted over to factory tach and gauges

need a wiring diagram for 69 team chevelle - Jan 11 2023

web sep 23 2002 anybody got a wiring diagram for a 69 chevelle that they can email me i would like to have one for reference to sort out a few things i got it all together and most of the stuff working but have a couple of loose wires and a couple of things that need to be hooked up i believe i have a couple of missing wires

1969 wiring diagram ausley s chevelle parts - Oct 08 2022

web 1969 wiring diagram 8 50 sku wd0969 current stock quantity save to wishlist overview reviews

1969 chevelle color wiring diagram free team chevelle - Mar 13 2023

web oct 29 2011 1969 chevelle color wiring diagram free 37905 views 2 replies 2 participants last post by matthayes3741

oct 28 2011 jump to latest m matthayes3741 discussion starter oct 28 2011 doing a search for

wiring diagram 1969 chevelle el camino 11x17 color - Aug 18 2023

web each diagram features factory colors on all wires including tracer wires complete wiring from front to rear of your vehicle is easy to identify if your using this laminated diagram each diagram features base vehicle only without the power options measures 11 x 17 fits 1969 chevrolet chevelle 1969 chevrolet el camino

chevelle power convertible top control switch to motor wiring harness 1969 - Nov 28 2021

web this reproduction harness starts with the correct gauge wire color coded to match the factory wiring diagram and pre attached connectors the correct motor wiring harness will supply power from the main under dash harness to

1969 1969 chevelle wiring diagram manual - Dec 10 2022

web 1969 chevelle wiring diagram manual price 11 95 part number lit 4096 qty description chevelle wiring diagram manual part number lit 4096 share your knowledge of this product with other customers be the first to write a review browse for more products in the same category as this item

need 1969 wiring diagram team chevelle - Jun 16 2023

web dec 25 2006 does anyone have a 1969 wiring diagram for a chevelle in a pdf format if so could you email it to me thanks in advance

1969 chevelle wiring diagram gallery faceitsalon com - Nov 09 2022

web jul 30 2018 a wiring diagram is a simple visual representation from the physical connections and physical layout of your electrical system or circuit it shows what sort of electrical wires are interconnected and will also show where fixtures and components may be attached to the system when and how to use a wiring diagram

color wiring diagrams for chevy chevelle classiccarwiring - Feb 12 2023

web chevy chevelle diagrams include all variations of the chevelle chevelle el camino malibu etc each particular year use the same diagram for that year except the 1970 71 and 1972 diagrams which have 3 variations sweep style speedometer long rectangular speedometer with full indicator lights malibu monte carlo style round gauge pods

1969 chevelle wiring diagrams - Jul 17 2023

web 1969 chevelle wiring diagrams in memory of chuck frame current chevelle of the month submit your chevelle here chevelle ss coin 1 hat lapel pins static cling window stickers custom stickers 3 sizes to choose from ss396 ss454 coin 2