

CHAPTER **11** STUDY GUIDE

Stoichiometry

Section 11.1 What is stoichiometry?

In your textbook, read about stoichiometry and the balanced equation.

For each statement below, write *true* or *false*.

- _____ 1. The study of the quantitative relationships between the amounts of reactants used and the amounts of products formed by a chemical reaction is called stoichiometry.
- _____ 2. Stoichiometry is based on the law of conservation of mass.
- _____ 3. In any chemical reaction, the mass of the products is less than the mass of the reactants.
- _____ 4. The coefficients in a chemical equation represent not only the number of individual particles but also the number of moles of particles.
- _____ 5. The mass of each reactant and product is related to its coefficient in the balanced chemical equation for the reaction by its molar mass.

Complete the table below, using information represented in the chemical equation for the combustion of methanol, an alcohol.

methanol + oxygen $\rightarrow$ carbon dioxide + water



Substance	Molar Mass (g/mol)	Number of Molecules	Number of Moles (mol)	Mass (g)
6. Methanol	32.05			
7. Oxygen gas	32.00			
8. Carbon dioxide	44.01			
9. Water	18.02			

10. What are the reactants? _____
11. What are the products? _____
12. What is the total mass of the reactants? _____
13. What is the total mass of the products? _____
14. How do the total masses of the reactants and products compare? _____

Chemistry Chapter 11 Study Guide Answers

Huangqi Zhang



Chemistry Chapter 11 Study Guide Answers:

Embark on a breathtaking journey through nature and adventure with Explore with is mesmerizing ebook, **Chemistry Chapter 11 Study Guide Answers** . This immersive experience, available for download in a PDF format (*), transports you to the heart of natural marvels and thrilling escapades. Download now and let the adventure begin!

http://antonioscollegestation.com/data/Resources/HomePages/curso_de_literatura_europea.pdf

Table of Contents Chemistry Chapter 11 Study Guide Answers

1. Understanding the eBook Chemistry Chapter 11 Study Guide Answers
 - The Rise of Digital Reading Chemistry Chapter 11 Study Guide Answers
 - Advantages of eBooks Over Traditional Books
2. Identifying Chemistry Chapter 11 Study Guide Answers
 - 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 Chemistry Chapter 11 Study Guide Answers
 - User-Friendly Interface
4. Exploring eBook Recommendations from Chemistry Chapter 11 Study Guide Answers
 - Personalized Recommendations
 - Chemistry Chapter 11 Study Guide Answers User Reviews and Ratings
 - Chemistry Chapter 11 Study Guide Answers and Bestseller Lists
5. Accessing Chemistry Chapter 11 Study Guide Answers Free and Paid eBooks
 - Chemistry Chapter 11 Study Guide Answers Public Domain eBooks
 - Chemistry Chapter 11 Study Guide Answers eBook Subscription Services
 - Chemistry Chapter 11 Study Guide Answers Budget-Friendly Options
6. Navigating Chemistry Chapter 11 Study Guide Answers eBook Formats

- ePub, PDF, MOBI, and More
 - Chemistry Chapter 11 Study Guide Answers Compatibility with Devices
 - Chemistry Chapter 11 Study Guide Answers Enhanced eBook Features
7. Enhancing Your Reading Experience
- Adjustable Fonts and Text Sizes of Chemistry Chapter 11 Study Guide Answers
 - Highlighting and Note-Taking Chemistry Chapter 11 Study Guide Answers
 - Interactive Elements Chemistry Chapter 11 Study Guide Answers
8. Staying Engaged with Chemistry Chapter 11 Study Guide Answers
- Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Chemistry Chapter 11 Study Guide Answers
9. Balancing eBooks and Physical Books Chemistry Chapter 11 Study Guide Answers
- Benefits of a Digital Library
 - Creating a Diverse Reading Collection Chemistry Chapter 11 Study Guide Answers
10. Overcoming Reading Challenges
- Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Chemistry Chapter 11 Study Guide Answers
- Setting Reading Goals Chemistry Chapter 11 Study Guide Answers
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Chemistry Chapter 11 Study Guide Answers
- Fact-Checking eBook Content of Chemistry Chapter 11 Study Guide Answers
 - 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

Chemistry Chapter 11 Study Guide Answers Introduction

In the digital age, access to information has become easier than ever before. The ability to download Chemistry Chapter 11 Study Guide Answers has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Chemistry Chapter 11 Study Guide Answers has opened up a world of possibilities. Downloading Chemistry Chapter 11 Study Guide Answers provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Chemistry Chapter 11 Study Guide Answers has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Chemistry Chapter 11 Study Guide Answers. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Chemistry Chapter 11 Study Guide Answers. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Chemistry Chapter 11 Study Guide Answers, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Chemistry Chapter 11 Study Guide Answers has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Chemistry Chapter 11 Study Guide Answers Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Chemistry Chapter 11 Study Guide Answers is one of the best book in our library for free trial. We provide copy of Chemistry Chapter 11 Study Guide Answers in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Chemistry Chapter 11 Study Guide Answers. Where to download Chemistry Chapter 11 Study Guide Answers online for free? Are you looking for Chemistry Chapter 11 Study Guide Answers PDF? This is definitely going to save you time and cash in something you should think about.

Find Chemistry Chapter 11 Study Guide Answers :

curso de literatura europea

curly girl the handbook

~~cushman groom master manual~~

cutnell and johnson solution manual

cushman truckster parts and manuals

curtsies and conspiracies read online

curse of the pogo stick dr siri mysteries book 5

curt swan a life in comics pb

cursive writing guide

currency board system w hrungspolitisches instrument wirtschaftskrise argentinien

curriculum theory conflicting visions and enduring concerns 2nd edition

~~eustodial worker test booklet~~

[customer focus flow chart](#)

curriculum paone francesco maria

[exc csec chemistry syllabus 2015](#)

Chemistry Chapter 11 Study Guide Answers :

[a new level of strategic warfare prayer morris cerullo](#) - Apr 10 2023

web aug 12 2011 [spiritual warfare classic library 1992 morris cerullo world evangelism](#) aaaa borrow listen libraries near you worldcat

[your new level of strategic spiritual warfare](#) - Nov 05 2022

web morris cerullo october 2 1931 july 10 2020 was an american pentecostal evangelist he traveled extensively around the world for his ministry he hosted victory

spiritual warfare classic library 4 volume set morris cerullo - Feb 08 2023

web jan 1 1995 [spiritual warfare prophecy classic end time prophecy revelation unveiled](#) hardcover january 1 1995 by morris cerullo author 4 2 4 2 out of 5 stars 11 ratings

the four mistakes christians make in spiritual - Jul 01 2022

web conquer a defeated enemy spiritual warfare classic library volume two by cerullo morris and a great selection of related books art and collectibles available now at

[spiritual warfare 5 19 2023 morris cerullo world evangelism](#) - Apr 29 2022

web jan 1 1989 this is a bible to help aid believers in their fight with spiritual warfare morris cerullo wrote commentary to dig deeper into scripture about spiritual warfare each

bishop john francis spiritual warfare prayer conference 2022 - Sep 03 2022

web a new level of strategic warfare prayer ebook written by morris cerullo read this book using google play books app on your pc android ios devices download for offline

[spiritual warfare conference morris cerullo world](#) - Jun 12 2023

web jan 1 1989 god s victorious army bible spiritual warfare reference edition 2 paperback january 1 1989 god s victorious army bible spiritual warfare

spiritual warfare classic library volume by morris cerullo - May 31 2022

web may 19 2023 about morris cerullo what key leaders say the sun never sets the legacy about theresa cerullo about david cerullo about mcwe press releases

morris cerullo wikipedia - Oct 04 2022

web welcome to the 2022 spiritual warfare prayer conference theresa cerullo david cerullo and the morris cerullo world evangelism team welcome you to this powe

spiritual warfare classic library by morris cerullo open library - Mar 09 2023

web jan 1 1992 few ministers have had such an impact on the destiny of the nations of the world his life has been sacrificially dedicated to training and spiritually equipping

victory today 2020 morris cerullo world evangelism - Jan 27 2022

web spiritual warfare email v2 morris cerullo world evangelism canada i m a victor not a victim are you ready to remove your goliath from your life an epic battle is

spiritual warfare email v1 morris cerullo world evangelism - Sep 22 2021

waging winning spiritual warfare prayer conference morris - Nov 24 2021

web an epic battle is raging in the unseen realm the devil is real his agenda is to kill steal and destroy your victory is not automatic you need to know how to use the weapons god

spiritual warfare financial classic cerullo morris amazon com - Feb 25 2022

web welcome to a brand new morris cerullo victory today program from the legacy international center in san diego california get ready for god to take you to a new

god s victorious army bible by morris cerullo goodreads - Mar 29 2022

web jan 1 1998 spiritual warfare manual a very necessary tool in our walk with the lord helping us to be victorious and to apply christ s teachings to our lives read

a new level of strategic warfare prayer kindle - Oct 24 2021

a new level of strategic warfare prayer google play - Aug 02 2022

web jun 1 2020 dr morris cerullo reveals the four mistakes christians make in spiritual warfare in this classic breakthrough message from the declaring war on the devil s

spiritual warfare email v1 morris cerullo world evangelism - Dec 06 2022

web apr 29 2020 show more join dr morris cerullo for your personal spiritual breakthrough as we connect with this epic message from the historic chicago spiritual warfare

god s victorious army bible spiritual warfare reference edition 2 - May 11 2023

web oct 6 2015 a new level of strategic warfare prayer morris cerullo morris cerullo wold evangelism oct 6 2015 religion 82 pages a new level of strategic warfare

spiritual warfare classic library cerullo morris free download - Aug 14 2023

web english volume 1 vol 1 the strategies of jesus vol 2 conquering a defeated enemy vol 3 winning the battle for your mind
vol 4 exposing satan s strategies access

spiritual warfare morris cerullo world evangelism - Jul 13 2023

web as you sow your seed and believe god for your victory i will send you my spiritual warfare video teaching titled take it
back as my thank you gift for your faithful seed

spiritual warfare prophecy classic end time prophecy - Jan 07 2023

web spiritual warfare email v1 morris cerullo world evangelism i m a victor not a victim are you ready to remove your goliath
from your life an epic battle is raging in

spiritual warfare email v2 morris cerullo world evangelism - Dec 26 2021

web theresa and david cerullo invite you to the first ever waging and winning spiritual warfare prayer conference at the
majestic morris cerullo legacy international center

critiques de l assassin royal tome 1 l apprenti assassin babelio - Jun 03 2022

web oct 7 2012 ce tome royal assassin découpé en l assassin du roi et la nef du crépuscule et assassin s quest le poison de la
vengeance la voie magique et la

l assassin royal tome 1 l apprenti assassin l assassin royal - Feb 28 2022

web la première trilogie de l assassin royal the farseer est parue en 2 volumes français intitulés l assassin royal 1ere époque
la seconde trilogie de l assassin royal the

l assassin royal tome 1 l apprenti assassin l assassin royal - Nov 08 2022

web l assassin royal tome 1 l apprenti assassin l assassin royal french edition format kindle Édition français de robin hobb
author arnaud mousnier lompré

l assassin royal l apprenti assassin 1 by robin hobb - Sep 18 2023

web kindle 9 99 rate this book the farseer trilogy 1 l assassin royal l apprenti assassin robin hobb arnaud mousnier lompré
translator 4 18 310 529 ratings15 809 reviews

l assassin royal wikipédia - Dec 09 2022

web l assassin royal est une série de romans de robin hobb se déroulant dans un monde d heroic fantasy ces romans sont
séparés en trois cycles en langue originale anglaise

l assassin royal tome 1 l apprenti assassin l assassin royal - Oct 07 2022

web l assassin royal tome 1 l apprenti assassin l assassin royal french edition ebook hobb robin mousnier lompré arnaud
amazon co uk kindle store

l assassin royal tome 1 l apprenti assassin youtube - Nov 27 2021

web petit résumé du premier livre de la grande série de robin hobb

l assassin royal l apprenti assassin 1 amazon sg books - Jul 16 2023

web hello sign in account lists returns orders cart

assassin royal t01 l l apprenti assassin pocket - Sep 06 2022

web dec 23 2005 assassin royal t01 l l apprenti assassin hobb robin 9782290352625 books j aurais mis plus en avant patience dès le début mais à mon

l assassin royal tome 1 l apprenti assassin livre de robin - May 02 2022

web l assassin royal tome 1 l apprenti assassin de tu n est pas particulièrement fort ni rapide ni brillant ne te fait donc pas d illusions mais tu acquerras la ténacité nécessaire

l assassin royal tome 1 l apprenti assassin google play - May 14 2023

web l assassin royal tome 1 l apprenti assassin ebook written by robin hobb read this book using google play books app on your pc android ios devices download for

l assassin royal l apprenti assassin tome 1 l assassin royal - Jul 04 2022

web l assassin royal l apprenti assassin tome 1 l assassin royal 4 5 107 avis 147 sur les autres formats 3 coups de cœur des libraires feuilleter format poche voir tout

downloads le fou et l assassin tome 1 live worksheets - Oct 27 2021

web nov 17 2023 téléchargez des manuels pour des ebooks gratuits le fou et l assassin tome 1 fitzchevalerie loinvoyant bâtard de la famille régnante des six duchés et

l assassin royal tome 1 l apprenti assassin babelio - Oct 19 2023

web dec 1 2005 ce tome royal assassin découpé en l assassin du roi et la nef du crépuscule et assassin s quest le poison de la vengeance la voie magique et la

l assassin royal tome 1 l apprenti assassin format epub - Dec 29 2021

web aug 31 2011 téléchargez le livre l assassin royal tome 1 l apprenti assassin de robin hobb en ebook au format epub sur vivlio et retrouvez le sur votre liseuse préférée

l assassin royal tome 1 l apprenti assassin imaginaire - Jun 15 2023

web l assassin royal tome 1 l apprenti assassin imaginaire hobb robin amazon sg books

l assassin royal tome 1 l apprenti assassin amazon fr - Aug 17 2023

web poche 23 décembre 2005 au royaume des six duchés le prince chevalerie de la famille régnante des loinvoyant par tradition le nom des seigneurs doit modeler leur caractère

extraits et passages de l assassin royal tome 1 l apprenti - Jan 30 2022

web l assassin royal tome 1 l apprenti assassin de robin hobb est il dans la nature du monde que toute chose aspire à un rythme et dans ce rythme à une sorte de paix

l assassin royal tome 1 l apprenti assassin l assassin royal - Aug 05 2022

web quatrième de couverture au royaume des six duchés le prince chevalerie de la famille régnante des loinvoyant par tradition le nom des seigneurs doit modeler leur caractère

l assassin royal tome 1 l apprenti assassin google books - Apr 13 2023

web l enfant découvre bientôt que le dessein du monarque est tout autre faire de lui un assassin au service du pouvoir et tandis que les attaques des pirates rouges mettent la

l assassin royal tome 1 l apprenti assassin fnac - Apr 01 2022

web l assassin royal tome 1 l apprenti assassin robin hobb baam des milliers de livres avec la livraison chez vous en 1 jour ou en magasin avec 5 de réduction l assassin

l assassin royal tome 1 l apprenti assassin apple books - Jan 10 2023

web aug 31 2011 sci fi fantasy 2011

l assassin royal tome 1 l apprenti assassin - Feb 11 2023

web l assassin royal tome 1 l apprenti assassin l assassin royal french edition ebook hobb robin mousnier lompré arnaud amazon ca kindle store

l assassin royal tome 1 l apprenti assassin paperback - Mar 12 2023

web l assassin royal tome 1 l apprenti assassin hobb robin on amazon com au free shipping on eligible orders l assassin royal tome 1 l apprenti assassin

laboratory report 47 control of breathing answers pdf - Jun 01 2022

web apr 11 2023 laboratory report 47 control of breathing answers 2 10 downloaded from uniport edu ng on april 11 2023 by guest manufacturing and importation authorisation mia interpretation document as applicable also some areas where the interpretation by member states has not been consistent have been clarified

laboratory report 47 control of breathing answers - Mar 30 2022

web computer laboratory report 47 control of breathing answers is simple in our digital library an online right of entry to it is set as public appropriately you can download it instantly our digital library saves in merged countries allowing you to acquire the most less latency period to download any of our books in the same way as this one

laboratory report 47 control of breathing answers - Jul 02 2022

web right here we have countless book laboratory report 47 control of breathing answers and collections to check out we

additionally allow variant types and furthermore type of the books to browse

lab 47 control of breathing flashcards quizlet - May 12 2023

web the respiratory group within the medulla oblongata regulates the basic rhythm of breathing dorsal the respiratory group within the medulla oblongata primarily stimulates the diaphragm hydrogen chemoreceptors are sensitive to changes in the blood concentration of co₂ and increases

laboratoryreport47controlofbreathinganswers xiaolongqi copy - Dec 27 2021

web laboratory report 47 control of breathing answers pdf xml report 47 control of breathing answers but end taking place in harmful downloads rather than enjoying a good book when a mug of coffee in the afternoon instead they juggled in the manner of some harmful virus inside their computer laboratory report 47 control of breathing answers

laboratory report 47 control of breathing answers - Aug 03 2022

web laboratory report 47 control of breathing answers questions and answers about health care workers eeoc gov answers a place to go for all the questions and answers 31 9096 00 veterinary assistants and laboratory animal

laboratory report 47 control of breathing answers - Apr 30 2022

web nitrogen oxides nox why and how they are controlled biosafety in microbiological and biomedical laboratories centers for disease control u s 1988 the american journal of psychology karl m dallenbach 1942 the enteric nervous system john barton furness 1987 laboratory experiments in microbiology ted r johnson 2013 11 01

lab 47 control of breathing flashcards quizlet - Aug 15 2023

web biology anatomy lab 47 control of breathing 5 0 1 review medulla oblongata click the card to flip the respiratory areas are widely scattered throughout the pons and of the brainstem click the card to flip 1 10 flashcards learn test match q chat created by blanca melissa4 terms in this set 10 medulla oblongata

bookmark file laboratory report 47 control of breathing answers - Feb 09 2023

web sep 8 2023 their favorite novels like this laboratory report 47 control of breathing answers but end up in harmful downloads rather than enjoying a good book with a cup of tea in the afternoon instead they cope with some malicious bugs inside their computer laboratory report 47 control of breathing answers is available in our book

laboratory report 47 control of breathing answers barbara a - Feb 26 2022

web download and install the laboratory report 47 control of breathing answers it is definitely easy then past currently we extend the connect to buy and create bargains to download and install laboratory report 47 control of breathing answers for that reason simple balloon flying handbook united states flight standards service 2001

bio2521 exercise 47 lab manual answers course hero - Apr 11 2023

web laboratory exercise 47 control of breathing laboratory report answers part a 1 medulla oblongata 6 reduced 2 dorsal 7

increased 3 ventral 8 internal intercostals 4 hydrogen 9 diaphragm 5 increases part b 1 experimental results 2 a hyperventilation lowers blood carbon dioxide levels and the breathing center is

physiology lab report control of breathing studocu - Jan 08 2023

web bmd221 biomedical physiology ii control of breathing lab report word count 1606 abstract a decrease in alveolar co2 concentration levels an increase in alveolar o2 levels and lung shrinkage via slow expiration may be factors that contribute to

laboratory report 47 control of breathing answers pdf - Oct 05 2022

web laboratory report 47 control of breathing answers and numerous book collections from fictions to scientific research in any way in the midst of them is this laboratory report 47 control of breathing answers that can be your partner comprehensive respiratory therapy exam preparation guide book craig l scanlan 2013 09 09

laboratory report 47 control of breathing answers uniport edu - Jan 28 2022

web apr 7 2023 laboratory report 47 control of breathing answers 2 6 downloaded from uniport edu ng on april 7 2023 by guest example product registries include patients who have been exposed to biopharmaceutical products or medical devices health services registries consist of patients who have had a common procedure clinical encounter or

breathing and respiratory volumes control of breathing quizlet - Jun 13 2023

web bisc 228 lab report 47 terms in this set 29 breathing can also be called ventilation the weight of air causes a force called pressure atmospheric the weight of air at sea level is sufficient to support a column of mercury within a tube mm high 760

4 1 breathing lab protocol biology libretexts - Nov 06 2022

web jul 11 2023 one of you should breathe into your bag for 3 minutes while another group member times 30 second intervals the other two in your group should observe the breathing and use the following rating system to record the depth of breathing in each 30 second interval start with 1 for the depth of breathing in the first 30 second interval

laboratory report 47 control of breathing answers pdf - Sep 04 2022

web mar 18 2023 right here we have countless ebook laboratory report 47 control of breathing answers and collections to check out we additionally allow variant types and next type of the books to browse

physiology control of breathing lab report studocu - Dec 07 2022

web physiology control of breathing lab report bmd biomedical physiology ii control of breathing lab studocu full laboratory report on an experiment we did which explored the control of breathing includes background methods experiment results and discussion with skip to document

lab exercise 47 lab report 47 name michele glantz date 6 studocu - Mar 10 2023

web lab report 47 name michele glantz date 6 13 19 nitrate reduction your results and observations record your results in the table you may also photograph your tubes with your mobile device organism or sample reaction after a

lab report 47 control of breathing flashcards quizlet - Jul 14 2023

web lab report 47 control of breathing medulla oblongata click the card to flip the respiratory areas are widely scattered throughout the pons of the brainstem click the card to flip 19 flashcards learn test match created by bvictoria98 terms in this set 9 medulla oblongata