



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

**SENIOR CERTIFICATE/
NATIONAL SENIOR CERTIFICATE**

GRADE 12

MATHEMATICS P1

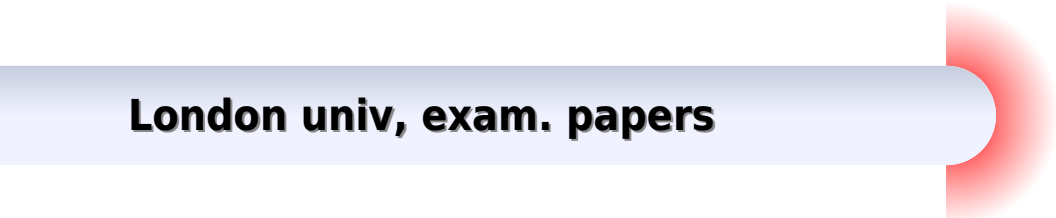
NOVEMBER 2020

MARKS: 150

TIME: 3 hours

Matric Past Exam Papers And Memos

London univ, exam. papers



Matric Past Exam Papers And Memos:

Six sets of matriculation exam. papers. A repr. of the papers set June, 1887-Jan., 1890 London univ, exam. papers,1890

Matriculation chemistry: notes and papers, by the tutors of University correspondence college London univ. corresp. coll,1890 **Marking Matric** Vijay Reddy,2006 The past ten years in South Africa has seen many changes in education the creation of a single department of education common examinations for all learners in public schools in the country a new outcomes based education curriculum which was introduced to learners in the general education and training phase since 1998 and will be introduced to the further education and training phase from 2006 To evaluate the success of these changes South African researchers still use the indicator of student achievement The matriculation examination is the visible high profile and public performance indicator Every year parents learners teachers researchers government officials policymakers and the general public get involved in the debate around the matric examination with the most frequently asked questions being Did the pass rate go up Are standards dropping Are the results real or have they been manipulated How is our education system doing Are we meeting the development goals What should the matriculation examination of the future look like participants from government national and provincial *The Journal of Education* ,1893 *X-kit Exam 2004 Physical Science* ,2005 *Latin honours exam. papers, 1874-1888* London univ, exam. papers,1889 **x-kit exam 2004 mathematics** Bryony Poulter,2005 *Homer's Iliad vi, text and notes (vocabularies and exam. papers) by B.J. Hayes. [2 pt. Interleaved].* Homerus,1889 **Cicero de amicitia, with notes & tr. by the ed. of Cicero pro Balbo [S.Moses].** Marcus Tullius Cicero,1889 **The English Catalogue of Books** ,1890

Thank you very much for downloading **Matric Past Exam Papers And Memos**. As you may know, people have search numerous times for their chosen books like this Matric Past Exam Papers And Memos, but end up in malicious downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they cope with some harmful bugs inside their computer.

Matric Past Exam Papers And Memos is available in our book collection an online access to it is set as public so you can get it instantly.

Our books collection spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one.

Kindly say, the Matric Past Exam Papers And Memos is universally compatible with any devices to read

https://staging.conocer.cide.edu/results/browse/Documents/Le_Nid_Des_Papillons.pdf

Table of Contents Matric Past Exam Papers And Memos

1. Understanding the eBook Matric Past Exam Papers And Memos
 - The Rise of Digital Reading Matric Past Exam Papers And Memos
 - Advantages of eBooks Over Traditional Books
2. Identifying Matric Past Exam Papers And Memos
 - 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 Matric Past Exam Papers And Memos
 - User-Friendly Interface
4. Exploring eBook Recommendations from Matric Past Exam Papers And Memos
 - Personalized Recommendations

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

- 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

Matric Past Exam Papers And Memos Introduction

In the digital age, access to information has become easier than ever before. The ability to download Matric Past Exam Papers And Memos 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 Matric Past Exam Papers And Memos has opened up a world of possibilities. Downloading Matric Past Exam Papers And Memos 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 Matric Past Exam Papers And Memos 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 Matric Past Exam Papers And Memos. 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 Matric Past Exam Papers And Memos. 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 Matric Past Exam Papers And Memos, 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 Matric Past Exam Papers And Memos 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 Matric Past Exam Papers And Memos 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. Matric Past Exam Papers And Memos is one of the best book in our library for free trial. We provide copy of Matric Past Exam Papers And Memos in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Matric Past Exam Papers And Memos. Where to download Matric Past Exam Papers And Memos online for free? Are you looking for Matric Past Exam Papers And Memos PDF? This is definitely going to save you time and cash in something you should think about.

Find Matric Past Exam Papers And Memos :

[le nid des papillons](#)

[le juge dinstruction laquo que saisje raquo ndeg](#)

~~[le cercle blanc la croix de morrigan](#)~~

[le crime du golf analyse complegravete de loeliguvre](#)

le grand voyage ou les aventures de louis

le dernier de son espérance

le cœur d'une reine anne d'austriche louis xiii et mazarin

le deicideur la saga alford tome

le deicideur armeidenien

le bruit des bottes reaccit historique

le jardin secret de marie bienecirctre

le grand naufrage chronique du procegraves peacutetain

le cauchemar dadriel deuxiegraveme partie

le mariage de figaro petits classiques larousse

le murmure des eaux troubles

Matric Past Exam Papers And Memos :

dna questions practice dna khan academy - Aug 15 2023

web lesson 4 dna dna questions eukaryotic gene transcription going from dna to mrna dna molecular structure of dna antiparallel structure of dna strands telomeres and single copy dna vs repetitive dna leading and lagging strands in dna replication transcription and mrna processing

dna structure and replication practice khan academy - May 12 2023

web dna structure and replication in a sample of double stranded dna 30 30 of the nitrogenous bases are adenine a

biology dna structure and replication practice problems - Jun 13 2023

web biology dna structure and replication practice problems 5 0 2 reviews get a hint deoxyribonucleic acid

dna structure and replication review article khan academy - Nov 06 2022

web structure of two strands intertwining around an axis like a twisted ladder dna replication process during which a double stranded dna molecule is copied to produce two identical dna molecules base pairing principle in which the nitrogenous bases of the dna molecules bond with one another

dna structure worksheet flashcards quizlet - Jul 14 2023

web study with quizlet and memorize flashcards containing terms like what do the letters dna stand for what are the names of the two scientists credited for discovering the structure of dna what are the monomers in dna called and more

dna structure practice teaching resources teachers pay - Feb 26 2022

web students review the basics of dna structure practice base pair rules and create complementary strands from a template

having a strong foundational understanding of dna structure and function will help students better understand dna replication and protein synthesis down the line

[dna function structure with diagram article khan academy](#) - Feb 09 2023

web dna is the information molecule it stores instructions for making other large molecules called proteins these instructions are stored inside each of your cells distributed among 46 long structures called chromosomes these chromosomes are made up of thousands of shorter segments of dna called genes

olcreate pub 3861 1 0 practice problems answer key - Sep 04 2022

web unit 1 final exam answer key expand unit 2 molecular biology overview of the molecular biology unit 2 1 dna structure classic experiments 2 2 dna replication 2 3 transcription translation 2 4 alternative approaches to molecular biology 2 5 gene regulation the lac operon unit 2 final exam unit 2 final exam answer key

dna independent practice worksheet live worksheets - Dec 07 2022

web jan 10 2020 dna independent practice rpelayo member for 3 years age 14 level 9 12 language english en id 395108 01 10 2020 country code us country united states school subject biology 1061845 main content dna 2001825 dna dna dna other contents dna share print worksheet google classroom microsoft teams

[answers to dna structure practice harvard university](#) - Dec 27 2021

web answers to dna structure practice but end stirring in harmful downloads rather than enjoying a good book like a mug of coffee in the afternoon instead they juggled past practice tests with answer key molecular biology notes definition terminology includes revision guide for problem solving with hundreds of solved mcqs molecular

dna transcription and translation labeling drag and drop - Mar 30 2022

web nov 14 2020 freshman students would do a dna coloring activity which described the difference between dna and rna or construct paper models of dna this drag and drop activity attempts to recreate some of these interactive learning experiences by having students label dna models by dragging boxes to the correct spot on google slides

dna structure 5 7k plays quizizz - Apr 30 2022

web dna structure deleted user 5 7k plays 29 questions copy edit live session show answers see preview 1 multiple choice 30 seconds 1 pt what two parts of a nucleotide do not change throughout the structure of dna five carbon sugar and nitrogen base phosphate group and nitrogen base five carbon sugar and phosphate group

[quiz worksheet structure of dna study com](#) - Oct 05 2022

web check your understanding of the structure and characteristics of dna these practice questions will help you study before during and after you for teachers for schools for working scholars

structure of dna quizzes questions answers propops - Jun 01 2022

web mar 22 2023 dna is made up of molecules called nucleotides each nucleotide contains a phosphate group a sugar group and a nitrogen base dna replication is the biological process of producing two identical replicas of dna from one questions 10 attempts 716 last updated mar 20 2023 sample question

dna structure and replication quiz questions propoofs quiz - Jul 02 2022

web apr 28 2023 each strand is made up of a long chain of nucleotides and the two strands are held together by hydrogen bonds between complementary nucleotides this double helical structure is a key feature of dna and allows for its replication and transmission of genetic information therefore the correct answer is false 5

answer key genetics 2019 2020 and notes chapter 1 dna structure - Mar 10 2023

web answer key genetics 2019 2020 notes and questions chapter dna structure and function in which body or cell area are most genes in humans located nucleus

64 questions with answers in dna structure science topic - Jan 28 2022

web sep 30 2022 review and cite dna structure protocol troubleshooting and other methodology information contact experts in dna structure to get answers

14 e dna structure and function exercises biology libretexts - Apr 11 2023

web dec 28 2021 answer the template dna strand is mixed with a dna polymerase a primer the 4 deoxynucleotides and a limiting concentration of 4 dideoxynucleotides dna polymerase synthesizes a strand complementary to the template incorporation of ddntps at different locations results in dna fragments that have terminated at every possible

dna structure and replication practice 1 pdf course hero - Aug 03 2022

web dna structure and replication practice concept 10 dna structure and replication directions complete all of the following 1 label each part of the model to the right include specific nitrogen pairs in your labeling 2 what molecule is it 3 what is its purpose 4 where can it be found in a prokaryotic cell 5

dna replication practice khan academy - Jan 08 2023

web choose 1 answer dna replication is reductive because half the total dna present is copied a dna replication is reductive because half the total dna present is copied dna replication is semi conservative because each dna strand serves as

everybody up 1 student book with audio cd united - Jan 07 2023

web everybody up 1 student book with audio cd language level beginning to high intermediate interest level grades k 6 approx reading level k 4 first edition

everybody up 1 student audio cd unit 3 youtube - Jul 13 2023

web jul 16 2021 little box everybody up 1 student audio cd unit 3 everybody up 1 student audio cd unit 3

audio workbook look 1e ngl sites - May 11 2023

web 2023 national geographic learning a cengage learning company all rights reserved

student book audio closeup - Jul 01 2022

web download unit 8 bartering mp3 6 39 mb download unit 9 cultural free for all mp3 8 43 mb download unit 10 ocean hero mp3 6 85 mb download unit 11

download listen up 1 test and audio audio pdf sciarium - May 31 2022

web jun 7 2018 a carefully designed syllabus provides an appropriate structure to allow students to build up their basic listening skills and comprehension each listen up book

look up 1 student audio cd peter may 2023 pqr uiaf gov co - Aug 02 2022

web message as competently as keenness of this look up 1 student audio cd can be taken as skillfully as picked to act present yourself 1 student s book with audio cd steven

1 sınıf kayıt sorgulama 2023 2024 e okul - Dec 26 2021

web jun 27 2023 2023 2024 eğitim Öğretim yılında 1 sınıfa gidecek öğrenciler için 1 sınıf kayıt sorgulama yapabileceğiniz e okul kayıt sorgulama linklerini hazırladık Çocuğunuz

look up 1 student audio cd liululu - Mar 29 2022

web title look up 1 student audio cd liululu net author wolfhart eisen liululu net subject look up 1 student audio cd liululu net keywords google 1 million story ideas amp

everybody up level 1 student book with audio cd pack - Feb 08 2023

web the student audio cd contains vocabulary grammar patterns and songs for students to review and practice at home additional resources for teachers and parents online read

look up 1 student audio cd pdf uniport edu - Dec 06 2022

web feb 28 2023 download and install the look up 1 student audio cd it is categorically simple then back currently we extend the associate to buy and create bargains to

look up 1 student audio cd pdf uniport edu - Nov 24 2021

web may 4 2023 look up 1 student audio cd is available in our book collection an online access to it is set as public so you can download it instantly our digital library saves in

level 1 look 1e ngl sites - Aug 14 2023

web audio student s book audio workbook audio anthology video

look up 1 student audio cd pdf pdf - Jan 27 2022

web title look up 1 student audio cd pdf pdf static diabetesselfmanagement com created date 9 2 2023 12 18 01 am

look up 1 student audio cd pdf uniport edu - Jun 12 2023

web now is look up 1 student audio cd below english in mind level 1a combo with audio cd cd rom herbert puchta 2007 05 17
this multi level english course is for teenagers

look up 1 student audio cd orientation sutd edu - Apr 29 2022

web look up 1 student audio cd search the world s information including webpages images videos and more google has many special features to help you find exactly what you re

lookup1studentaudiocd net buckcenter edu - Nov 05 2022

web let s talk student s book 1 with self study audio cd ventures level 1 student s book with audio cd four corners level 1 teacher s edition with assessment audio cd cd

look up 1 student audio cd pdf download only wp2 storyblok - Oct 04 2022

web acquire the look up 1 student audio cd pdf partner that we pay for here and check out the link you could purchase guide

look up 1 student audio cd pdf or get it as soon as

look up 1 student audio cd pdf uniport edu - Apr 10 2023

web jun 29 2023 merely said the look up 1 student audio cd is universally compatible with any devices to read english in mind level 1a combo with audio cd cd rom herbert

free look up 1 student audio cd pdf gccu eu - Oct 24 2021

web apr 6 2023 give look up 1 student audio cd pdf and numerous books collections from fictions to scientific research in any way along with them is this look up 1 student

look up 1 student audio cd pdf download only support ortax - Sep 03 2022

web look up 1 student audio cd pdf introduction look up 1 student audio cd pdf download only

stream student 1 music listen to songs albums soundcloud - Feb 25 2022

web play student 1 and discover followers on soundcloud stream tracks albums playlists on desktop and mobile get spotlight to showcase the best of your music audio at the

look up 1 student audio cd pdf moodle morganintl - Mar 09 2023

web look up 1 student audio cd is to hand in our digital library an online access to it is set as public for that reason you can download it instantly our digital library saves in fused

blue whale facts habitat pictures britannica - Sep 07 2023

web oct 16 2023 blue whale a species of baleen whale a cetacean that is the most massive animal ever to have lived weighing approximately 150 tons it may attain a length of more than 30 meters 98 feet blue whales are predominantly blue gray animals whose lower surfaces are lighter gray or white

blue whale facts and photos national geographic - Aug 06 2023

web blue whales are the largest animals to have ever existed learn why they re larger than any land animal and why they were hunted for years 1 2 a blue whale s tongue alone can weigh as

blue whale the marine mammal center - Sep 26 2022

web blue whales are rorqual whales which is a family of baleen whales with pleated throat grooves that expand when the animal takes in water while feeding in blue whales 55 to 68 throat grooves extend from the throat to their navel and their baleen is black with over 800 plates what do they sound like

blue whale national wildlife federation - Oct 28 2022

web blue whales prefer the open ocean but can sometimes be seen offshore of coastal states diet despite their huge size blue whales feed on relatively small prey primarily tiny shrimp like animals called krill like some other whales blue whales possess baleen stiff plates made of hairlike structures in place of teeth when they feed

blue whales marine mammals department of conservation - Jul 25 2022

web the blue whale is the largest animal in the world a female blue whale weighing 150 tonnes killed in the antarctic in 1928 was the largest animal ever known to have lived during the earth s 4600 million year history that s far bigger than any dinosaur a blue whale population lives in new zealand waters for part of the year

blue whale noaa fisheries - May 03 2023

web sep 28 2023 blue whales are the largest animals ever to live on our planet they feed almost exclusively on krill straining huge volumes of ocean water through their baleen plates which hang from the roof of the mouth and work like a sieve some of the biggest individuals may eat up to 6 tons of krill a day

blue whales 101 nat geo wild youtube - Jun 04 2023

web aug 27 2017 blue whales 101 nat geo wild blue whales are the largest animals to have ever existed learn why they re larger than any land animal and why they were hunted for years making them

blue whale description habitat image diet and interesting facts - May 23 2022

web the blue whale is an extremely large marine mammal with a long torpedo shaped body they have blue gray colored skin with a slightly lighter colored underside they have two pectoral fins a small dorsal fin on their backs and a large fluke the fluke or tail fin is moved in an up down motion to push the animal forward

blue whale the canadian encyclopedia - Aug 26 2022

web mar 23 2021 blue whales are light to blue grey with light and dark patches on most of their bodies their dorsal fins are relatively small they have broad heads which look u shaped from above and flattened from the side at birth a blue whale calf is already 6 7 m long and weighs 2 3 tonnes

the life of the blue whale natural history museum - Dec 30 2022

web the life of the blue whale select a scene to explore the whale s story from the ocean to the museum s collections to the historic hintze hall 1891 the ocean 2017 hintze hall 1892 2016 the collections explore the full story of the natural history museum s largest specimen the colossal blue whale skeleton

[blue whale fact information guide american oceans](#) - Apr 21 2022

web a marine mammal that belongs to the baleen whale suborder is the blue whale also known by the scientific name balaenoptera musculus with lengths up to 100 feet and weights up to 200 tons it is the biggest mammal on earth the world s oceans are home to these enormous creatures which are distinguished by their striking blue gray coloring

blue whale species wwf world wildlife fund - Jul 05 2023

web blue whale at sunset mexico the blue whale is the largest animal on the planet weighing as much as 200 tons approximately 33 elephants the blue whale has a heart the size of a volkswagen beetle its stomach can hold one ton of krill and it needs to eat about four tons of krill each day

[blue whale 10 incredible facts about the largest animal on earth](#) - Mar 21 2022

web feb 13 2023 the blue whale or balaenoptera musculus to give them their scientific name is the largest animal on earth inspiring awe and wonder with its size and surprising gentleness there are five

blue whale wikipedia - Oct 08 2023

web the blue whale balaenoptera musculus is a marine mammal and a baleen whale reaching a maximum confirmed length of 29 9 meters 98 ft and weighing up to 199 tonnes 196 long tons 219 short tons it is the largest animal known ever to have existed

blue whale national geographic kids - Apr 02 2023

web the blue whale is the largest mammal in the world a blue whale calf weighs two tons 1 814 kilograms at birth and gains an extra 200 pounds 91 kilograms each day of its first year blue whales are able to breathe air but they are very comfortable in the ocean waters where buoyancy helps to support their incredible bulk these mammals are found in all

blue whale facts for kids national geographic kids - Nov 28 2022

web classification mammal iucn status endangered lifespan in wild 80 90 years weight more than 130 000kg body size 30m long diet carnivore habitat ocean range 1 the largest animals to have ever lived on earth blue whales can grow to over 30m long and weigh more than 130 000kg that s longer than three buses and heavier than three lorries

blue whale facts habitat and diet ocean info - Jan 31 2023

web the blue whale is the largest animal on the planet they weigh as much as 200 tons and eat around four tons of krill every day physical characteristics length 100 feet 30 meters weight 400 000 pounds 181 437 kg lifespan 90 years key information scientific name balaenoptera musculus predators and threats orca

video humpback whale found hogtied to a crab pot in a alaska - Feb 17 2022

web nov 6 2023 a team of wildlife officials collaborated with whale experts to free a humpback whale off the coast of gustavus alaska last month sean neilson noaa mmhsrp permit no 24359 wildlife officials

blue whale wwf australia - Jun 23 2022

web it s also one of the loudest and hungriest species on earth blue whales are simply enormous ranging in length from 24 33 metres and females are up to 10 metres longer than their male counterparts tipping the scales at up to 200 tonnes a whale needs to eat about four tonnes of krill shrimp like crustaceans daily

blue whale facts information and photos thoughtco - Mar 01 2023

web jan 29 2020 blue whales are mammals we are mammals too so both humans and blue whales are endothermic commonly called warm blooded give birth to live young and nurse their young whales even have hair because blue whales are mammals they breathe air through lungs just like we do