

Fig. 2.1 (not to scale)

The sphere is fully submerged and in equilibrium, with the wire at an angle of 68° to the horizontal surface. The weight of the sphere is $32\,N$. The upthrust acting on the sphere is $280\,N$. The density of the water is $1.0\times10^3\,\mathrm{kg\,m^{-3}}$.

Assume that the force on the sphere due to the water flow is in a horizontal direction.

(a) By considering the components of force in the vertical direction, determine the tension in the wire.

(b) For the sphere, calculate:

the volume

(iii) the density.

$$p = \frac{m}{V} = \frac{\omega/3}{V} = \frac{(32/4.81)}{0.029}$$

density = kg m⁻³ [2]

m3 [11]

June 2013 Physics 9702 Paper 22 Question

B Lingard

June 2013 Physics 9702 Paper 22 Question:

Yeah, reviewing a books **June 2013 Physics 9702 Paper 22 Question** could accumulate your close contacts listings. This is just one of the solutions for you to be successful. As understood, exploit does not recommend that you have extraordinary points.

Comprehending as competently as harmony even more than further will give each success. adjacent to, the message as with ease as keenness of this June 2013 Physics 9702 Paper 22 Question can be taken as with ease as picked to act.

 $\underline{https://staging.conocer.cide.edu/files/publication/Download_PDFS/Le%20Pegravere%20Est%20Une%20Megravere%20Comme%20Les%20Autres.pdf}$

Table of Contents June 2013 Physics 9702 Paper 22 Question

- 1. Understanding the eBook June 2013 Physics 9702 Paper 22 Question
 - The Rise of Digital Reading June 2013 Physics 9702 Paper 22 Question
 - Advantages of eBooks Over Traditional Books
- 2. Identifying June 2013 Physics 9702 Paper 22 Question
 - 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 June 2013 Physics 9702 Paper 22 Question
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from June 2013 Physics 9702 Paper 22 Question
 - Personalized Recommendations
 - June 2013 Physics 9702 Paper 22 Question User Reviews and Ratings
 - June 2013 Physics 9702 Paper 22 Question and Bestseller Lists
- 5. Accessing June 2013 Physics 9702 Paper 22 Question Free and Paid eBooks

- June 2013 Physics 9702 Paper 22 Question Public Domain eBooks
- June 2013 Physics 9702 Paper 22 Question eBook Subscription Services
- ∘ June 2013 Physics 9702 Paper 22 Question Budget-Friendly Options
- 6. Navigating June 2013 Physics 9702 Paper 22 Question eBook Formats
 - o ePub, PDF, MOBI, and More
 - June 2013 Physics 9702 Paper 22 Question Compatibility with Devices
 - June 2013 Physics 9702 Paper 22 Question Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of June 2013 Physics 9702 Paper 22 Question
 - Highlighting and Note-Taking June 2013 Physics 9702 Paper 22 Question
 - Interactive Elements June 2013 Physics 9702 Paper 22 Question
- 8. Staying Engaged with June 2013 Physics 9702 Paper 22 Question
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - o Following Authors and Publishers June 2013 Physics 9702 Paper 22 Question
- 9. Balancing eBooks and Physical Books June 2013 Physics 9702 Paper 22 Question
 - Benefits of a Digital Library
 - ∘ Creating a Diverse Reading Collection June 2013 Physics 9702 Paper 22 Question
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine June 2013 Physics 9702 Paper 22 Question
 - Setting Reading Goals June 2013 Physics 9702 Paper 22 Question
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of June 2013 Physics 9702 Paper 22 Question
 - Fact-Checking eBook Content of June 2013 Physics 9702 Paper 22 Question
 - 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

June 2013 Physics 9702 Paper 22 Question Introduction

June 2013 Physics 9702 Paper 22 Question 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. June 2013 Physics 9702 Paper 22 Question Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. June 2013 Physics 9702 Paper 22 Question: 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 June 2013 Physics 9702 Paper 22 Question: Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks June 2013 Physics 9702 Paper 22 Question Offers a diverse range of free eBooks across various genres. June 2013 Physics 9702 Paper 22 Question Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. June 2013 Physics 9702 Paper 22 Question Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific June 2013 Physics 9702 Paper 22 Question, especially related to June 2013 Physics 9702 Paper 22 Question, 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 June 2013 Physics 9702 Paper 22 Question, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some June 2013 Physics 9702 Paper 22 Question books or magazines might include. Look for these in online stores or libraries. Remember that while June 2013 Physics 9702 Paper 22 Question, 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 June 2013 Physics 9702 Paper 22 Question 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 June 2013 Physics 9702 Paper 22 Question 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 June 2013 Physics 9702 Paper 22 Question eBooks, including some popular titles.

FAQs About June 2013 Physics 9702 Paper 22 Question Books

What is a June 2013 Physics 9702 Paper 22 Question PDF? A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. How do I create a June 2013 Physics 9702 Paper 22 Question PDF? There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. How do I edit a June 2013 Physics 9702 Paper 22 Question PDF? Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. How do I convert a June 2013 Physics **9702 Paper 22 Question PDF to another file format?** There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobats export feature to convert PDFs to formats like Word, Excel, IPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. How do I password-protect a June 2013 Physics 9702 Paper 22 Question PDF? Most PDF editing software allows you to add password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing and editing capabilities. How do I compress a PDF file? You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by their creator, such as password protection, editing restrictions, or print restrictions. Breaking these restrictions might require specific software or tools, which may or may not be legal depending on the circumstances and local laws.

Find June 2013 Physics 9702 Paper 22 Question:

le pegravere est une megravere comme les autres

le septiegraveme fils les chroniques dalvin le faiseur t

le sexe expliqueacute agrave ma fille

<u>le troisiegraveme soleil</u>

leacutechelle dintelligence de wechsler interpreacutetation clinique et psychopathologique

le theacuteoregraveme du perroquet

le secret de savannah prelud t

le treiziegraveme passant

le refuge i la deacutecouverte

le petit cabaret des morts le recircve du deacutemiurge

le vire du sussex

le parfum du teacutemoin

le sourire du clair de lune

le silence du mal mira

leacutetatprovidence laquo que saisje raquo ndeg

June 2013 Physics 9702 Paper 22 Question:

webassign elementary statistics 11th edition - Nov 11 2022

web robert johnson patricia kuby brooks cole 2004 statistics 782 pages in their own classrooms through their popular texts and in the conferences they lead bob johnson

elementary statistics available titles aplia 11th edition - Mar 15 2023

web elementary statistics 11th edition isbn 13 9780538733502 isbn 0538733500 authors patricia j kuby robert r johnson rent buy alternate isbn

just the essentials of elementary statistics 11th 11e edition - Jul~07~2022

web aug 13 2021 student solutions manual for johnson and kuby s elementary statistics kuby patricia free download borrow and streaming internet archive

elementary statistics enhanced review edition robert johnson - Oct 30 2021

elementary statistics 11th edition vitalsource - Dec 12 2022

web jan 1 2011 just the essentials of elementary statistics 11th 11e edition johnson kuby 9781133270140 amazon com books books

elementary statistics johnson kuby 11th edition download only - Mar 03 2022

web the enigmatic realm of elementary statistics johnson kuby 11th edition unleashing the language is inner magic in a fast paced digital era where connections and

elementary statistics robert r johnson patricia j kuby - Jul 19 2023

web jan 1 2011 now in its eleventh edition elementary statistics has been consistently praised by users and reviewers for its clear exposition and relevant

elementary statistics 11th eleventh edition by johnson robert - Sep 21 2023

web elementary statistics 11th eleventh edition by johnson robert r kuby patricia j published by cengage learning 2011 hardcover by johnson author 4 1 101 ratings

elementary statistics johnson kuby 11th edition - Nov 30 2021

webassign elementary statistics 11th edition - May 17 2023

web 108 rows elementary statistics 11th edition by robert r johnson and patricia j

elementary statistics 11th edition 9780538733502 cengage - Aug 20 2023

web about this product in their own classrooms through their popular texts and in the conferences they lead robert johnson and patricia kuby have inspired hundreds of

elementary statistics 11th edition cengage - Feb 14 2023

web johnson and kuby elementary statistics 11e stats in practice video questions johnson and kuby elementary statistics 11e labs ti calculators johnson and

elementary statistics 11th edition textbook solutions chegg - Jan 13 2023

web may 18 2011 amazon com student solutions manual for johnson kuby s elementary statistics 11th 9780840053886 johnson robert r kuby just the

elementary statistics edition 11 google play - Jun 18 2023

web elementary statistics edition 11 ebook written by robert r johnson patricia j kuby read this book using google play books app on your pc android ios devices

student solutions manual for johnson kuby s elementary - Oct 10 2022

web jan 1 2011 just the essentials of elementary statistics 11th 11e edition kuby johnson 0 00 0

elementary statistics 11th edition by robert johnson patricia - Feb 02 2022

web cengage learning feb 23 2007 mathematics 832 pages in their own classrooms through their popular texts and in the conferences they lead bob johnson and pat

johnson and kuby elementary statistics 11th edition the - Jan 01 2022

elementary statistics robert johnson patricia kuby google - Apr 16 2023

web elementary statistics robert johnson patricia kuby cengage learningmathematics 832 pages in their own classrooms through their popular texts and in the conferences

elementary statistics robert johnson patricia kuby google - Aug 08 2022

web solutions for elementary statistics 11th robert johnson patricia kuby get access to all of the answers and step by step video explanations to this book and 5 000 more try

student solutions manual for johnson and kuby s elementary - Apr 04 2022

web johnson and kuby elementary statistics 11th edition is universally compatible subsequent to any devices to read elementary statistics robert r johnson 2011 01

just the essentials of elementary statistics 11th 11e edition - Sep 09 2022

web elementary statistics 11th edition isbn 9781133169321 alternate isbns patricia j kuby robert r johnson sorry we don t have content for this book yet find step by step

solutions for elementary statistics 11th by robert johnson - May 05 2022

web robert johnson patricia kuby elementary statistics 11th edition pdf was published in 2012 and uploaded for 100 level administration social and management science

elementary statistics 11th edition solutions and answers - Jun 06 2022

web elementary statistics robert r johnson 2011 01 01 in their own classrooms through their popular texts and in the conferences they lead robert johnson and patricia kuby

carbonio metabolismo biotech zanichelli - Jun 12 2023

web 64 video 2 ore e 50 minuti con spiegazioni per esempio qual è l ibridazione del carbonio esperimenti di chimica organica come si distinguono alcoli primari

carbonio metabolismo biotech chimica organica bio copy - Nov 24 2021

web ambition to download and install the carbonio metabolismo biotech chimica organica bio it is categorically easy then before currently we extend the associate to buy and

carbonio metabolismo biotech chimica organica bio - Nov 05 2022

web our books afterward this one merely said the carbonio metabolismo biotech chimica organica bio is universally compatible taking into consideration any devices to read

carbonio metabolismo biotech chimica organica bio copy - May 31 2022

web mar 6 2023 carbonio metabolismo biotech chimica organica bio 1 7 downloaded from uniport edu ng on march 6 2023 by guest carbonio metabolismo biotech chimica

carbonio metabolismo biotech zanichelli online per la scuola - May 11 2023

web carbonio metabolismo biotech la differenza tra vaccini a mrna e a proteine ricombinanti l uso delle biotecnologie in agricoltura l editing genomico cittadinanza

carbonio metabolismo biotech chimica organica bio 2023 - Jan 07 2023

web carbonio metabolismo biotech chimica organica bio discovery of recombinant dna the single greatest breakthrough in medical biotechnology in the past 50 years feb

carbonio metabolismo biotech chimica organica bio - Feb 25 2022

web carbonio metabolismo biotech chimica organica bio recognizing the exaggeration ways to acquire this ebook carbonio metabolismo biotech chimica organica bio is

soluzioni degli esercizi giuseppe valitutti niccolò taddei - Jul 13 2023

web chimica organica biochimica biotecnologie capitolo a1 dal carbonio agli idrocarburi soluzioni capitolo a2 dai gruppi funzionali ai polimeri soluzioni capitolo b1 le

carbonio metabolismo biotech chimica organica bio james w - Mar 09 2023

web merely said the carbonio metabolismo biotech chimica organica bio is universally compatible behind any devices to read chemistry of winemaking albert dinsmoor

carboniometabolism obiotechchimicaorg anicabio - Feb 08 2023

web chimica bio organica chimica organica e propedeutica biochimica bio organica life upper intermediate combo split b principi di chimica organica chimica prebiotica

giuseppe valitutti niccolò taddei giovanni maga maddalena - Apr 10 2023

web zanichelli catalogo giuseppe valitutti niccolò taddei giovanni maga maddalena macario carbonio metabolismo biotech home la cellula è come una piccola

pdf carbonio metabolismo biotech chimica organica bio - Dec 06 2022

web carbonio metabolismo biotech chimica organica bio metabolic engineering feb 15 2022 metabolic engineering is a rapidly evolving field that is being applied for the

carbonio metabolismo biotech chimica organica bio uniport edu - Jul 01 2022

web carbonio metabolismo biotech chimica organica bio 1 8 downloaded from uniport edu ng on july 16 2023 by guest carbonio metabolismo biotech chimica

carbonio metabolismo biotech chimica organica bio pdf - Apr 29 2022

web apr 10 2023 carbonio metabolismo biotech chimica organica bio 3 10 downloaded from uniport edu ng on april 10 2023 by guest need for a precise assessment of the

carbonio metabolismo biotech chimica organica bio - Oct 04 2022

web 4 carbonio metabolismo biotech chimica organica bio 2020 12 26 describes the importance of catalysis for the sustainable production of biofuels and biochemicals

carbonio metabolismo biotech chimica organica bio - Sep 03 2022

web present carbonio metabolismo biotech chimica organica bio and numerous books collections from fictions to scientific research in any way in the midst of them is this

carbonio metabolismo biotech chimica organica bio uniport edu - Dec 26 2021

web carbonio metabolismo biotech chimica organica bio 2 9 downloaded from uniport edu ng on july 28 2023 by guest understudied hampered largely due to these

carbonio metabolismo biotech chimica organica bio copy - Mar 29 2022

web apr 1 2023 carbonio metabolismo biotech chimica organica bio but end up in malicious downloads rather than enjoying a good book with a cup of tea in the

carbonio metabolismo biotech chimica organica bio copy - Jan 27 2022

web carbonio metabolismo biotech chimica organica bio 3 10 downloaded from uniport edu ng on july 12 2023 by guest basic molecular biology and part ii offers

carbonio metabolismo biotech zanichelli - Aug 14 2023

web carbonio metabolismo biotech biochimica biotecnologie e tettonica delle placche con elementi di chimica organica pagine 384

carbonio metabolismo biotech chimica organica bio pdf - Aug 02 2022

web carbonio metabolismo biotech chimica organica bio analytical chemistry and quantitative analysis metal clusters and nanoalloys translocator protein tspo

carbonio metabolismo biotech zanichelli - Oct 24 2021

web carbonio metabolismo biotech isbn 9788808220653 qual è l ibridazione del carbonio esperimenti di chimica organica come si distinguono alcoli primari

general biology 1 final exam re answers copy cie - Jun 07 2022

web general biology 1 final exam re answers general biology 1 final exam re answers 2 downloaded from cie advances asme org on 2023 02 20 by guest digestive systems the muscular and skeletal systems the respiratory system and the skin the reproductive systems review for usmle john s lazo 2006 now in its completely updated seventh

royal college final term test biology 2021 online paper - Mar 04 2022

web royal college final term test biology 2021 online paper largest online education website in sri lanka provides past papers model papers school papers campus papers marking schemes notes career guide for school leavers and lot more articles we re mainly focused for g c e advanced level a l science maths education let your support

2021 2022 final exam general biology 2 studocu - Nov 12 2022

web final examination general biology 2 name grade and section instructions read and answer the questions carefully and honestly write your answers on the lines and spaces provided 1 i match the terms in column b with the description in column a write only the letter of the answer 10 column a column b j 1

biology 1 2 final exam review answers pdf full pdf - Sep 10 2022

web biology 1 2 final exam review answers pdf pages 2 21 biology 1 2 final exam review answers pdf upload jason s murray 2 21 downloaded from bukuclone ortax org on september 2 2023 by jason s murray to enzymes mechanism of enzyme action the chapter fungi recyclers kingdom mcqs covers topics of classification of fungi fungi

biology 1 final exam flashcards quizlet - Oct 23 2023

web 69 terms praxis biology content knowledge 5236 83 terms preview anatomy 35 urogenital development 86 terms preview biology of the cancer cell exam 2 42 terms lindsaybrown20011 preview biology test review 17 terms madisonlthreatt preview biology test 2 60 terms kayla23goar

biology sample written examination - Feb 15 2023

web answer all questions in pencil on the answer sheet provided for multiple choice questions choose the response that is correct or that best answers the question a correct answer scores 1 an incorrect answer scores 0 marks will not be deducted for incorrect answers no marks will be given if more than one answer is completed for any question

2020 bio 101 exam 2 with answer key 1 in which reactions - Jul 20 2023

web c 2 nad 2 pyruvate and d 6 co2 2 pyruvate and 2 atp nessing of energy from redox reactions to generate a proton gradient c the breakdown of glucose into six carbon dioxide f an acetyl group to carbon 4 which of the following metabolic processes normally occurs in most cells regardless of oxygen o

biology 1 2 final exam review answers pdf pdf support ortax - Jan 14 2023

web introduction biology 1 2 final exam review answers pdf pdf lecture notes class 8 12 biology pdf book grade 8 12 biology ebook download arshad igbal the book class 8 12 biology lecture notes pdf download grade 8 12 biology ebook 2023 24

textbook notes chapter 1 20 class questions and answers class 8 12 biology

final exam study guide principles of biology ii - Apr 17 2023

web 10 points on the test rules to receive the points 1 must complete the whole study guide 2 must handwrite the answers in a legible manner no typed answers will be accepted start working on this now so if you have any questions i can help you unit 1 included evolution ecology and classification evolution and natural selection

answers for exam 1 biology for science majors ii docsity - Apr 05 2022

web download exams answers for exam 1 biology for science majors ii biol 1201 louisiana state university lsu system office material type exam professor sheldon class biol for sci maj i subject biological sciences university

biology semester 1 final exam by drh biology tpt - Jul 08 2022

web this is a comprehensive 40 question final exam that covers nature of science energy conversion cellular components and processes dna structure and protein synthesis questions are in a multiple choice format making it easy to score with a scantron

biology exam 2 final answers flashcards quizlet - May 18 2023

web if germ cells in your ovaries or testes were exposed to a mutagen list three things you would worry about be sure your answer is clear miscarriage embryo death baby with birth defects child with genetic disease child with childhood or young adult cancer

biology final exam chapters 1 2 5 exam questions and answer - Sep 22 2023

web oct 27 2023 correct answer using a enzyme to cut dna the sequence of bases in dna can be determined by the correct answer sanger method the dna contained with a well defined nucleus what type of cell correct answer eurkaryote cells the dna in a region called the nucleoid correct answer prokaryote compacted dna

final exam with answers general biology biol 1006 docsity - Oct 11 2022

web 12 partial preview of the text download final exam with answers general biology biol 1006 and more biology exams in pdf only on docsity final exam general biology biol 1006 spring 2007 crn 10782 form a page 1 final exam general biology biol 1006 spring 2007 crn 10782 9 may 2007 choose the one best

biology final exam flashcards guizlet - Aug 21 2023

web study with quizlet and memorize flashcards containing terms like which organic molecule is composed of an amino group a carboxylic acid group and an r group which step of the photosynthesis pathway produces a carbohydrate from co2 in the atmosphere which step of the cellular respiration pathway produces 4 co2 6 nadh 6 h 2 fadh2 and 2 biology exam 1 final answers flashcards quizlet - Dec 13 2022

web salamander 2 and lizard 2 will be more similar since they are only on layer above salamander 3 they had less time to

evolve salamander 1 and lizard 1 had more time to evolve and change from their common ancestor and thus each other college biology 1 final exam with answers docsity - May 06 2022

web college biology 1 final exam with answers general differences between eukaryotic and prokaryotic cells are answer eukaryotic cells have membrane bound organelles prokaryotic cells generally do not beta cells are cells in the human pancreas whose primary function is to produce and secrete the protein hormone insulin a beta cell would contain **biology 1 final exam review 360 plays quizizz** - Jun 19 2023

web classes biology 1 final exam review quiz for 9th grade students find other quizzes for biology and more on quizizz for free

biology 2 biol 1122 final exam scored 100 question 1 answer - Aug 09 2022

web select one a viral glycoproteins attach to specific proteins on the host epithelial cell b the host cell takes in the virus by endocytosis c viral rna is replicated using host cell enzymes d the host cell makes viral proteins using mrna e **biology ii final exam flashcards quizlet** - Mar 16 2023

web see an expert written answer we have an expert written solution to this problem an organism that exhibits a head with sensory equipment and a brain probably also