

realidades 2 workbook answers pg 36 Study Guide

Realidades 2 Workbook Answers Pg 36

Introduction

Realidades 2 workbook answers pg 36 is a common query among students who are studying the second level of the popular Spanish educational series, Realidades 2. This workbook is designed to complement the textbook, providing practice exercises that reinforce vocabulary, grammar, and cultural understanding. Page 36 often features exercises aimed at practicing verb conjugations, vocabulary related to daily routines, or cultural insights into Spanish-speaking countries. For many learners, having access to accurate answers can significantly enhance their understanding and confidence. In this article, we will delve into the typical contents of page 36, explore effective strategies for completing these exercises, and provide comprehensive guidance to help students maximize their learning.

Understanding the Structure of Realidades 2 Workbook Page 36

Common Types of Exercises on Page 36

Realidades 2 workbook pages tend to include a variety of exercise types, such as:

- Vocabulary matching: pairing words with their definitions or images.
- Fill-in-the-blank sentences: practicing verb conjugations and vocabulary.
- Sentence translation: translating sentences from English to Spanish or vice versa.
- Cultural questions: brief prompts about Spanish-speaking countries.

While the exact content of page 36 may vary depending on the edition, typical exercises focus on reinforcing the grammatical concepts introduced earlier in the chapter, such as preterite tense, reflexive verbs, or vocab related to daily routines.

Objectives of the Exercises

The main goals of exercises on page 36 usually include:

- Practicing correct verb conjugation in context.
- Reinforcing vocabulary acquisition.
- Applying grammar rules in sentence construction.
- Enhancing comprehension of cultural topics.

Strategies for Approaching Page 36 Exercises

Step 1: Review Previous Lessons

Before tackling the exercises, review relevant sections of the textbook and notes, especially focusing on:

- Verb conjugation patterns.
- Vocabulary lists.
- Grammar rules applicable to the exercises.

Step 2: Preview the Exercise Instructions

Carefully read the instructions to understand what each exercise requires. This might include identifying whether you need to conjugate a verb, select the correct word, or translate a sentence.

Step 3: Tackle Vocabulary First

If exercises involve vocabulary, ensure you understand the meanings of the words. Use context clues or look up unfamiliar terms to avoid errors.

Step 4: Focus on Grammar Rules

Apply relevant grammar rules diligently. For example, if the exercise involves reflexive verbs, recall their conjugation patterns and pronouns.

Step 5: Use Process of Elimination

For multiple-choice questions, eliminate obviously incorrect options to improve your chances of selecting the correct answer.

Step 6: Review and Cross-Check

After completing the exercises, review your answers, paying attention to verb agreements and spelling.

Typical Exercises and Their Solutions

Below are examples of common exercises that might appear on page 36, along with detailed explanations and sample answers.

Exercise 1: Conjugate the Verbs in Parentheses

Instructions: Conjugate the verbs in parentheses in the preterite tense to complete the sentences.

Sample Exercise:

- Ayer, María _____ (lavarse) las manos antes de comer.
- Nosotros _____ (levantarse) temprano para ir a la escuela.
- Tú _____ (dormir) ocho horas anoche.
- Ellos _____ (hablar) con sus amigos en línea.

Sample Answers:

- Ayer, María se lavó las manos antes de comer.
- Nosotros nos levantamos temprano para ir a la escuela.
- Tú dormiste ocho horas anoche.
- Ellos hablaron con sus amigos en línea.

Explanation:

- Reflexive verbs like lavarse and levantarse require reflexive pronouns (se, nos).
- Preterite conjugations follow regular patterns, with lavarse: se lavó, levantarse: nos levantamos.
- Dormir is a stem-changing verb (o→u) in preterite: dormiste.
- Hablar is regular: hablaron.

Exercise 2: Vocabulary Matching

Instructions: Match each Spanish word with its English equivalent.

Words:

a. Despertarse

b. Cepillarse

c. Afeitarse

d. Vestirse

Options:

- To get dressed
- To shave
- To wake up
- To brush (teeth or hair)

Sample Answers:

a - 3. Despertarse - To wake up

b - 4. Cepillarse - To brush

c - 2. Afeitarse - To shave

d - 1. Vestirse - To get dressed

Explanation:

- Knowing vocabulary helps in understanding and constructing sentences related to daily routines.

Exercise 3: Translate Sentences

Instructions: Translate the following sentences into Spanish.

- I brush my teeth every morning.
- They get dressed quickly.
- We woke up late yesterday.
- She shaves her legs.

Sample Translations:

- Yo me cepillo los dientes cada mañana.
- Ellos se visten rápidamente.
- Nosotros nos levantamos tarde ayer.
- Ella se afeita las piernas.

Tips:

- Remember reflexive pronouns (me, te, se, nos).
- Use correct verb conjugations.

Exercise 4: Cultural Reflection (Optional)

Sample Question:

Describe one tradition or celebration from a Spanish-speaking country.

Sample Answer:

In Mexico, Día de los Muertos (Day of the Dead) is celebrated on November 1st and 2nd. Families create altars with photos, food, and flowers to honor their loved ones who have passed away. It is a colorful and joyful celebration that emphasizes remembering and celebrating life.

Additional Resources and Practice Tips

Online Practice Tools

- Language Learning Websites: Platforms like Duolingo, Quizlet, or StudySpanish offer interactive exercises matching the content of workbook page 36.
- YouTube Tutorials: Visual explanations of verb conjugations and vocabulary can reinforce learning.

Study Groups and Peer Support

- Collaborate with classmates to discuss exercises.
- Exchange answers to learn different approaches and clarify doubts.

Consistent Review

- Schedule regular review sessions to reinforce vocabulary and grammar.
- Keep a vocabulary journal or flashcards for quick revision.

Common Mistakes to Avoid

- Ignoring reflexive pronouns: Always include the correct pronoun before reflexive verbs.
- Incorrect verb tense usage: Ensure that conjugations match the tense indicated in the exercise.
- Misunderstanding vocabulary: Confirm meanings before answering, especially with similar words.
- Overlooking instructions: Read instructions carefully to prevent mistakes.

Conclusion

Understanding and effectively completing the exercises on page 36 of the Realidades 2 workbook can significantly enhance a student's grasp of essential Spanish language skills. By reviewing relevant grammar rules, practicing vocabulary, and applying strategic approaches to exercises, learners can improve their proficiency and confidence. Remember to leverage available resources, collaborate with peers, and review regularly to maximize your learning experience. Whether the exercises focus on verb conjugations, vocabulary, or cultural insights, a systematic and diligent approach will lead to success. With patience and practice, mastering the content on workbook page 36 becomes an achievable goal, paving the way for more advanced Spanish proficiency.

Realidades 2 Workbook Answers Pg 36: A Comprehensive Guide for Effective Learning

When it comes to mastering Spanish through the Realidades 2 textbook series, the workbook plays a vital role in reinforcing concepts learned in class. Specifically, page 36 offers an array of exercises designed to deepen understanding of vocabulary, grammar, and cultural insights. This detailed review aims to dissect the content of Realidades 2 Workbook page 36, providing not only the correct answers but also strategies to approach similar exercises confidently. Whether you're a student seeking clarity or a teacher aiming to enhance instructional methods, this guide will serve as a valuable resource.

Understanding the Structure of Page 36 in Realidades 2

Before delving into the specific answers, it's crucial to understand the typical structure of exercises on page 36. This page generally focuses on:

- Vocabulary expansion related to daily routines, activities, or cultural contexts.
- Grammar practice, often involving the use of the present tense, reflexive verbs, or other verb

forms.

- Reading comprehension or listening exercises, sometimes accompanied by cultural notes.
- Writing prompts or sentence construction activities.

By recognizing these components, learners can better approach each section with targeted strategies.

Vocabulary Section: Key Terms and Phrases

The vocabulary exercises on page 36 aim to strengthen students' ability to identify and use relevant Spanish words within context. This often involves matching words to definitions, completing sentences, or translating terms.

Common Vocabulary Topics Covered:

- Daily routines: levantarse (to get up), vestirse (to dress), desayunar (to have breakfast), ducharse (to take a shower).
- Time expressions: por la mañana, por la tarde, por la noche, temprano, tarde.
- Activities and hobbies: leer (to read), escuchar música (to listen to music), jugar deportes (to play sports).

Effective Strategies for Vocabulary Practice:

- Use flashcards to memorize new terms.
- Create sentences with each new word to understand context.
- Group related words to build thematic memory (e.g., morning routine verbs together).

Sample Correct Answers:

- Levantarse means "to get up."
- Ducharse translates to "to take a shower."
- The phrase por la tarde refers to "in the afternoon."

Grammar Focus: Reflexive Verbs and Present Tense Conjugation

A significant portion of the exercises on page 36 centers on reflexive verbs, which are essential in describing daily routines in Spanish. Reflexive verbs require the use of reflexive pronouns such as me, te, se, nos, os.

Key Grammar Points:

- Recognizing when to use reflexive verbs.
- Correctly conjugating reflexive verbs in the present tense.
- Placing reflexive pronouns appropriately in sentences.

Common Reflexive Verbs Covered:

- Bañarse (to take a bath)
- Vestirse (to get dressed)
- Afeitarse (to shave)
- Cepillarse (to brush)

Sample Exercises and Answers:

- Yo _____ (ducharse) por la mañana.

Answer: Yo me ducho por la mañana.

- Ellos _____ (vestirse) rápidamente.

Answer: Ellos se visten rápidamente.

- Nosotros _____ (cepillarse) los dientes antes de dormir.

Answer: Nosotros nos cepillamos los dientes antes de dormir.

Tips for Mastery:

- Memorize conjugation patterns for -ar, -er, -ir verbs in present tense.
- Practice forming sentences with reflexive pronouns and verbs.
- Recognize common reflexive verbs and their contexts.

Reading Comprehension and Cultural Insights

Page 36 may include a short paragraph or dialogue that emphasizes cultural aspects of Spanish-speaking countries. These exercises aim to improve comprehension and provide cultural context.

Typical Content:

- Descriptions of daily routines in different countries.
- Cultural notes about typical Spanish or Latin American activities.
- Questions based on the reading to test comprehension.

Sample Questions and Answers:

- ¿A qué hora se levantan generalmente las personas en España?

Answer: Generalmente, las personas en España se levantan temprano, alrededor de las 7 u 8 de la mañana.

- ¿Qué actividades son comunes en las tardes en los países hispanohablantes?

Answer: Es común que las personas disfruten de la siesta, pasear, o reunirse con amigos.

Approach to Reading Exercises:

- Read the paragraph carefully, noting key vocabulary.
- Underline or highlight new words for review.
- Answer questions directly from the text, referencing specific details.

Writing and Sentence Construction Activities

A typical activity on page 36 may involve students writing about their daily routines, using vocabulary and grammatical structures practiced earlier.

Sample Prompt:

Escribe un párrafo describiendo tu rutina diaria.

Sample Correct Answer:

"Por la mañana, me levanto a las siete. Después, me ducho y desayuno con mi familia. A las ocho, me visto y voy a la escuela. Por la tarde, hago mis tareas y escucho música. Finalmente, me acuesto a las diez de la noche."

Tips for Effective Writing:

- Use reflexive verbs appropriately.
- Incorporate time expressions learned earlier.
- Pay attention to verb conjugations and agreement.

Common Mistakes to Avoid on Page 36 Exercises

To maximize your success with these exercises, be aware of typical errors:

- Incorrect reflexive pronoun placement: Remember that reflexive pronouns usually precede conjugated verbs in affirmative sentences.
- Wrong verb conjugations: Pay attention to subject-verb agreement, especially with irregular verbs.
- Misuse of vocabulary: Confirm the correct meaning and context of new words.
- Ignoring accents and diacritics: Proper spelling is essential, especially in verbs like tú form (te vistes) or nosotros (nos vestimos).

Additional Tips for Mastery of Workbook Exercises

- Practice regularly: Consistent review of vocabulary and grammar solidifies retention.
- Use supplementary resources: Online quizzes, language apps, or flashcard tools can enhance understanding.
- Seek clarification: If certain answers or concepts are unclear, consult your teacher or reliable online sources.
- Apply real-life context: Try to incorporate new vocabulary and grammar into daily conversations or journaling.

Conclusion: Making the Most of Page 36 in Realidades 2

Page 36 of the Realidades 2 workbook is a crucial component in developing fluency in Spanish, focusing on essential vocabulary, reflexive verbs, and cultural insights. Approaching these exercises with a strategic mindset—by understanding the structure, practicing vocabulary actively, mastering grammar rules, and engaging with cultural content—can significantly enhance your language

proficiency.

Remember, the key to success lies in consistent practice, attention to detail, and applying learned concepts in real-world contexts. Using this comprehensive guide as a foundation, students can confidently navigate page 36, ensuring they not only find the correct answers but also develop a deeper understanding of the Spanish language and culture.

Question What are the key topics covered on page 36 of the Realidades 2 workbook? Page 36 typically focuses on vocabulary related to daily routines, reflexive verbs, and practice exercises to reinforce these concepts. **Answer** How can I find the answers to the exercises on page 36 of Realidades 2 Workbook? You can check online answer keys provided by teachers or educational websites, or consult with your instructor for guidance on page 36 exercises. Are there any online resources to help me with Realidades 2 Workbook page 36? Yes, websites like SpanishDict, Quizlet, and other educational platforms often offer exercises and explanations related to the topics on page 36. What should I focus on to complete the exercises on page 36 effectively? Focus on understanding reflexive verbs, daily routine vocabulary, and sentence construction to accurately complete the exercises. Can I get a step-by-step answer explanation for page 36 exercises? Yes, some teachers or tutors provide detailed explanations; otherwise, reviewing grammar rules related to reflexive verbs can help you understand the exercises better. Is there a common mistake students make on page 36 of Realidades 2 workbook? A common mistake is incorrect conjugation of reflexive verbs or misplacing reflexive pronouns within sentences. How does page 36 relate to the overall lesson in Realidades 2? Page 36 reinforces understanding of daily routines, reflexive verbs, and sentence formation, which are essential for mastering daily life vocabulary in Spanish. Are the answers on page 36 suitable for self-study or should I seek teacher assistance? While the answers can guide self-study, consulting a teacher or tutor can provide better understanding and clarification of any doubts. What extra practice can supplement page 36 exercises in Realidades 2? Additional practice can include writing your own daily routine sentences, practicing reflexive verb conjugations, and using online quizzes related to these topics. How important is mastering page 36 content for progressing in Realidades 2? Mastering the content on page 36 is important as it builds foundational skills for describing daily routines and using reflexive verbs accurately in Spanish.

Related keywords: realidades 2, workbook answers, page 36, Spanish textbook, language exercises, realidades 2 solutions, student workbook, practice activities, Spanish learning, educational resources

scipad biology answers

scipad biology answers are essential tools for students and educators seeking to excel in biology

coursework and assessments. Scipad, a popular digital learning platform, offers a variety of resources, including practice questions, quizzes, and detailed answer explanations that aid in mastering complex biological concepts. This article provides a comprehensive overview of scipad biology answers, their importance, how to utilize them effectively, and tips for maximizing learning outcomes.

Understanding Scipad Biology Answers

What Are Scipad Biology Answers?

Scipad biology answers are the solutions and explanations provided for questions found within the Scipad platform's biology modules. These answers are carefully curated by educators and subject matter experts to ensure accuracy and clarity. They serve as a valuable reference for students to verify their responses, understand the reasoning behind correct answers, and reinforce their learning.

The Role of Scipad Biology Answers in Learning

Using scipad biology answers enhances the learning experience by:

- Providing immediate feedback on practice questions
- Clarifying complex biological processes and terminology
- Helping students identify areas that need improvement
- Facilitating self-paced learning outside the classroom
- Preparing effectively for exams and quizzes

Benefits of Using Scipad Biology Answers

1. Accurate and Reliable Content

One of the primary advantages of scipad biology answers is their accuracy. Developed by qualified educators, these answers are aligned with current biology curricula and standards, ensuring students receive trustworthy information.

2. Enhanced Understanding of Concepts

Detailed explanations accompanying answers help students grasp underlying biological principles, promoting deeper understanding beyond rote memorization.

3. Time-Efficient Study Sessions

Quick access to correct answers allows students to assess their performance swiftly, enabling more efficient review sessions.

4. Support for Different Learning Styles

Whether visual, auditory, or kinesthetic learners, students can benefit from diverse explanations and interactive content available through scipad.

How to Effectively Use Scipad Biology Answers

1. Attempt Questions First

Before consulting the answers, attempt to solve questions independently. This practice encourages critical thinking and problem-solving skills.

2. Review Correct Answers Carefully

After completing questions, compare your responses with the provided answers. Pay attention to explanations to understand why certain options are correct or incorrect.

3. Focus on Explanation Details

Go beyond the correct answer and study the detailed breakdowns. This will deepen your comprehension of biological concepts and processes.

4. Use Answers as Learning Tools

Instead of passively copying answers, use them as learning tools to explore related topics, clarify doubts, and reinforce your knowledge.

5. Incorporate Practice Tests

Regularly use scipad biology practice tests with answers to simulate exam conditions and build confidence.

Tips for Maximizing the Benefits of Scipad Biology Answers

1. Create a Study Schedule

Consistency is key. Dedicate specific times for practicing with scipad resources, ensuring steady progress.

2. Take Notes While Reviewing Answers

Summarize explanations in your own words, which aids retention and understanding.

3. Engage with Interactive Features

Leverage interactive diagrams, videos, and quizzes available on scipad to diversify your learning methods.

4. Clarify Doubts Promptly

If certain answers or explanations are unclear, seek help from teachers or online forums to ensure comprehension.

5. Track Your Progress

Maintain a record of questions answered and concepts mastered to identify strengths and areas needing improvement.

Common Topics Covered by Scipad Biology Answers

Scipad biology answers span a wide range of topics, reflecting the diverse curriculum of biology courses. Some of the most common areas include:

- Cell Structure and Function
- Genetics and Heredity
- Evolution and Natural Selection
- Human Anatomy and Physiology
- Plant Biology and Photosynthesis
- Microorganisms and Diseases
- Ecology and Environment
- Biological Processes and Cycles

Each topic has associated practice questions with detailed answers, enabling comprehensive review and mastery.

Challenges and Considerations When Using Scipad Answers

1. Dependence on Answers

While answers are valuable, over-reliance can hinder the development of problem-solving skills. It's important to attempt questions independently first.

2. Ensuring Up-to-Date Content

Biology is an evolving science. Ensure that the scipad content is current and aligns with the latest curriculum standards.

3. Verifying Correctness

Occasionally, errors might occur. Cross-reference answers with textbooks or trusted online resources for confirmation.

Conclusion

In summary, scipad biology answers are a powerful resource for students aiming to excel in biology. They provide accurate, detailed explanations that foster understanding, support effective revision, and boost exam readiness. By integrating scipad answers into a structured study plan, students can enhance their grasp of biological concepts, develop critical thinking skills, and achieve academic success. Remember to use these answers as a supplement to active learning strategies, ensuring a well-rounded and effective approach to mastering biology.

Scipad Biology Answers: A Comprehensive Guide to Mastering Scipad's Resources

In the realm of biology education, students constantly seek effective tools to enhance their understanding and retention of complex concepts. Among these tools, Scipad Biology Answers stand out as a vital resource for learners aiming to excel in their studies. Whether you're preparing for exams, revising key topics, or seeking clarification on challenging concepts, accessing accurate and detailed answers from Scipad can make a significant difference. This guide aims to explore the importance of Scipad Biology answers, how to utilize them effectively, and tips for maximizing their benefits to foster a deeper comprehension of biological sciences.

Understanding Scipad and Its Role in Biology Education

What is Scipad?

Scipad is an educational platform designed to offer comprehensive resources for students across various subjects, with a strong focus on biology. It provides a wide range of study materials, including notes, quizzes, and most notably, detailed answers to textbook exercises and questions. These answers are curated to align with curriculum standards, making them reliable tools for learning and revision.

Why Are Scipad Biology Answers Important?

- Clarify Difficult Concepts: They help break down complex biological processes into understandable explanations.
- Aid in Exam Preparation: Well-structured answers serve as excellent revision tools for exams.
- Ensure Accuracy: Reliable answers minimize misunderstandings that could arise from incorrect or incomplete information.
- Enhance Critical Thinking: Comparing your answers with Scipad?s encourages analytical thinking and self-assessment.

How to Effectively Use Scipad Biology Answers

Maximizing the benefits of Scipad answers involves more than just reading. It's about strategic engagement to deepen understanding and develop exam skills.

Step 1: Use Answers as a Learning Tool, Not Just a Shortcut

While it might be tempting to copy answers directly, the true value lies in understanding the reasoning behind each response.

- Read Carefully: Analyze the explanations provided.
- Identify Key Points: Highlight essential concepts, definitions, and processes.
- Compare Your Work: Assess where your answers align or differ, and understand why.

Step 2: Practice Active Learning

- Attempt Questions First: Before consulting the answers, try solving questions independently.
- Use Answers to Check and Correct: After attempting, compare with Scipad?s solutions to identify gaps in knowledge.
- Rewrite or Summarize: Paraphrase answers to reinforce comprehension.

Step 3: Incorporate into Study Routines

- Regular Revision: Use answers to review topics periodically.
- Focused Study Sessions: Target areas where your answers and Scipad?s diverge.
- Create Summaries: Develop concise notes based on detailed answers to aid quick revision.

Navigating Common Challenges with Scipad Biology Answers

While Scipad offers valuable resources, users may encounter some challenges. Here are common issues and strategies to overcome them:

Challenge 1: Over-Reliance on Answers

Solution: Use answers as a guide rather than a crutch. Always aim to understand the why behind each response.

Challenge 2: Outdated or Incomplete Answers

Solution: Cross-reference answers with textbooks, class notes, or reputable online resources to ensure accuracy and completeness.

Challenge 3: Difficulty in Understanding Explanations

Solution: Break down complex explanations into simpler parts, and seek additional resources or videos for clarification.

Best Practices for Using Scipad Biology Answers Effectively

To truly benefit from Scipad, students should adopt best practices, including:

- Active Engagement: Don't passively read answers; interact with them.
- Contextual Learning: Relate answers to real-life examples or practical applications for better retention.
- Question Development: Use answers to generate your own questions for further exploration.
- Group Study: Discuss answers with peers to gain different perspectives and deepen understanding.

Enhancing Learning with Supplementary Resources

While Scipad answers are valuable, supplement your study with other resources:

- Biology Textbooks: For detailed explanations and diagrams.
- Online Tutorials and Videos: Platforms like Khan Academy or YouTube channels specializing in biology.
- Practice Tests: To simulate exam conditions and test your knowledge.

- Flashcards: For memorizing definitions, processes, and terminology.

Ethical Use and Academic Integrity

While leveraging Scipad biology answers can be highly beneficial, it's crucial to uphold academic integrity:

- Avoid Plagiarism: Use answers for learning, not for submitting as your own work.
- Develop Your Own Responses: Use answered questions to guide your understanding and craft original responses.
- Cite Resources: When referencing information from Scipad, give appropriate acknowledgment if required.

Final Thoughts: Mastering Biology with Scipad Answers

Scipad Biology Answers are an invaluable resource for students striving to excel in their biological sciences coursework. They serve as guides, clarifiers, and confidence boosters when used correctly. Remember, the goal is not just to memorize answers but to develop a genuine understanding of biology's fundamental principles. By integrating Scipad answers into a strategic study plan complemented with other resources, active learning techniques, and ethical practices, you can unlock your full potential and achieve academic success in biology. Embrace these answers as stepping stones towards mastery, and let them inspire curiosity and a lifelong passion for understanding the living world.

Question What is Scipad Biology and how can it help students? Scipad Biology is an educational resource that provides concise summaries and answers to biology topics, helping students prepare for exams and understand complex concepts more easily. **Answer** Where can I find accurate Scipad Biology answers for my coursework? You can find accurate Scipad Biology answers on official educational websites, authorized study guides, or through reputable online platforms that offer verified solutions and explanations. How do I effectively use Scipad Biology answers for exam preparation? Use Scipad Biology answers as a supplement to your study materials by reviewing concepts, practicing questions, and ensuring you understand the explanations to reinforce your learning. Are Scipad Biology answers suitable for all grade levels? Yes, Scipad Biology offers content tailored for various grade levels, from secondary education to college, making it a versatile resource for different learners. Can I rely solely on Scipad Biology answers for my exams? While Scipad Biology answers are helpful, it's best to use them alongside textbooks, class notes, and practical exercises to achieve a comprehensive understanding of the subject. What are the common topics covered in Scipad Biology answers? Common topics include cell biology, genetics, ecology, human anatomy, plant biology, and evolution, among others, all explained in a simplified and accessible manner.

Related keywords: scipad biology solutions, scipad biology answers key, scipad biology homework help, scipad biology quiz answers, scipad biology practice questions, scipad biology review, scipad biology module answers, scipad biology guide, scipad biology assessments, scipad biology worksheets

Read the full article online: [scipad biology answers](#)