

New Inside Out

Sue Kay, Vaughan Jones,
Helena Gonnin, Peter Maggs
& Chris Dawson

Upper intermediate
Teacher's Book



MACMILLAN

with
Test CD



New Inside Out Upper Intermediate Test Key

KJ Lindholm-Leary



New Inside Out Upper Intermediate Test Key:

Test Your English Vocabulary in Use Upper-intermediate Book with Answers Felicity O'Dell, Michael McCarthy, 2012-08-23 Vocabulary tests to accompany the popular English Vocabulary in Use Upper intermediate Third edition Test Your English Vocabulary in Use Upper intermediate Second edition contains 100 easy to use practice vocabulary tests with a clear marking system on each page so that progress can be easily checked The book can be used on its own for self study or in the classroom or to reinforce the vocabulary covered in English Vocabulary in Use Upper intermediate Third edition available separately

Business Advantage Upper-intermediate Student's Book with DVD Michael Handford, Martin Lisboa, Almut Koester, Angela Pitt, 2011-10-27 An innovative new multi level course for the university and in company sector Business Advantage is the course for tomorrow's business leaders Based on a unique syllabus that combines current business theory business in practice and business skills all presented using authentic expert input the course contains specific business related outcomes that make the material highly relevant and engaging The Business Advantage Upper intermediate level books include input from the following leading institutions and organisations the Cambridge Judge Business School the Boston Consulting Group Nokia Dell and Havaianas to name but a few The Student's Book comes with a free DVD of video case studies

The Instructor, 1934 One Hundred Ways of Teaching Silent Reading: for All Grades Nila Banton Smith, 1925 *Resources in Education*, 2001-10 **Electrical World**, 1896 Engineering & Building Record and the Sanitary Engineer, 1887 Aerial Age Weekly, 1918 The Electrical Review, 1896 *Scientific American*, 1856 **Official Gazette of the United States Patent and Trademark Office**, 1977 **Railway Master Mechanic**, 1913 *The Sanitary Engineer and Construction Record*, 1887 *The Gardeners' Chronicle and Agricultural Gazette*, 1858 *Anatomy Coloring Book with 450+ Realistic Medical Illustrations with Quizzes for Each + 96 Perforated Flashcards of Muscle Origin, Insertion, Action, and Innervation* Stephanie McCann, Eric Wise, 2023-08 Coloring the body and its systems is the most effective way to study the structure and functions of human anatomy With realistic drawings clear descriptions and must know terms Kaplan's Anatomy Coloring Book is the easiest way to learn human anatomy This learning tool is ideal for pre health students and others seeking to deepen their knowledge of anatomy Anatomy Coloring Book features detailed illustrations of the body's anatomical systems in a spacious page design with no back to back images goodbye bleed through Plus Color Guides on every 2 page spread offer instructions for best coloring results so you can get the most out of your study The Best Review More than 450 detailed realistic medical illustrations including microscopic views of cells and tissues Exclusive perforated flashcard format illustrations of 96 muscle structures to color and study on the go Clear descriptive overview on the page opposite each illustration with key learning terms in boldface Self quizzing for each illustration with convenient same page answer keys Full coverage of the major body systems plus physiological information on cells tissues muscles and development New in this edition contextualizing views of the brainstem axial and appendicular

skeleton and compartments of the thigh and leg Expert Guidance Anatomical terminology is continually reviewed and retooled to reflect the most up to date usage Learning Hints feature calls out quick facts that make terms and structural relationships easier to remember We invented test prep Kaplan www kaptest com has been helping students for almost 80 years Our proven strategies have helped legions of students achieve their dreams Engineering ,1925 Railroad Gazette ,1871 **Inland Printer, American Lithographer** ,1913 **Boys' Life** ,1958-02 Boys Life is the official youth magazine for the Boy Scouts of America Published since 1911 it contains a proven mix of news nature sports history fiction science comics and Scouting **Bulletin of the Atomic Scientists** ,1958-01 The Bulletin of the Atomic Scientists is the premier public resource on scientific and technological developments that impact global security Founded by Manhattan Project Scientists the Bulletin s iconic Doomsday Clock stimulates solutions for a safer world

This is likewise one of the factors by obtaining the soft documents of this **New Inside Out Upper Intermediate Test Key** by online. You might not require more period to spend to go to the book opening as skillfully as search for them. In some cases, you likewise pull off not discover the message New Inside Out Upper Intermediate Test Key that you are looking for. It will very squander the time.

However below, similar to you visit this web page, it will be correspondingly entirely easy to get as well as download lead New Inside Out Upper Intermediate Test Key

It will not understand many epoch as we explain before. You can complete it even though action something else at house and even in your workplace. therefore easy! So, are you question? Just exercise just what we present below as well as evaluation **New Inside Out Upper Intermediate Test Key** what you following to read!

<https://correiodobrasil.blogoofero.cc/data/detail/HomePages/Mercedes%20560%20Sec%20Manual.pdf>

Table of Contents New Inside Out Upper Intermediate Test Key

1. Understanding the eBook New Inside Out Upper Intermediate Test Key
 - The Rise of Digital Reading New Inside Out Upper Intermediate Test Key
 - Advantages of eBooks Over Traditional Books
2. Identifying New Inside Out Upper Intermediate Test Key
 - 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 New Inside Out Upper Intermediate Test Key
 - User-Friendly Interface
4. Exploring eBook Recommendations from New Inside Out Upper Intermediate Test Key

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

- Fact-Checking eBook Content of New Inside Out Upper Intermediate Test Key
- 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

New Inside Out Upper Intermediate Test Key Introduction

Free PDF Books and Manuals for Download: Unlocking Knowledge at Your Fingertips In today's fast-paced digital age, obtaining valuable knowledge has become easier than ever. Thanks to the internet, a vast array of books and manuals are now available for free download in PDF format. Whether you are a student, professional, or simply an avid reader, this treasure trove of downloadable resources offers a wealth of information, conveniently accessible anytime, anywhere. The advent of online libraries and platforms dedicated to sharing knowledge has revolutionized the way we consume information. No longer confined to physical libraries or bookstores, readers can now access an extensive collection of digital books and manuals with just a few clicks. These resources, available in PDF, Microsoft Word, and PowerPoint formats, cater to a wide range of interests, including literature, technology, science, history, and much more. One notable platform where you can explore and download free New Inside Out Upper Intermediate Test Key PDF books and manuals is the internet's largest free library. Hosted online, this catalog compiles a vast assortment of documents, making it a veritable goldmine of knowledge. With its easy-to-use website interface and customizable PDF generator, this platform offers a user-friendly experience, allowing individuals to effortlessly navigate and access the information they seek. The availability of free PDF books and manuals on this platform demonstrates its commitment to democratizing education and empowering individuals with the tools needed to succeed in their chosen fields. It allows anyone, regardless of their background or financial limitations, to expand their horizons and gain insights from experts in various disciplines. One of the most significant advantages of downloading PDF books and manuals lies in their portability. Unlike physical copies, digital books can be stored and carried on a single device, such as a tablet or smartphone, saving valuable space and weight. This convenience makes it possible for readers to have their entire library at their fingertips, whether they are commuting, traveling, or simply enjoying a lazy afternoon at home. Additionally, digital files are easily searchable, enabling readers to locate specific information within seconds. With a few keystrokes, users can search for keywords, topics, or phrases, making research and finding relevant

information a breeze. This efficiency saves time and effort, streamlining the learning process and allowing individuals to focus on extracting the information they need. Furthermore, the availability of free PDF books and manuals fosters a culture of continuous learning. By removing financial barriers, more people can access educational resources and pursue lifelong learning, contributing to personal growth and professional development. This democratization of knowledge promotes intellectual curiosity and empowers individuals to become lifelong learners, promoting progress and innovation in various fields. It is worth noting that while accessing free New Inside Out Upper Intermediate Test Key PDF books and manuals is convenient and cost-effective, it is vital to respect copyright laws and intellectual property rights. Platforms offering free downloads often operate within legal boundaries, ensuring that the materials they provide are either in the public domain or authorized for distribution. By adhering to copyright laws, users can enjoy the benefits of free access to knowledge while supporting the authors and publishers who make these resources available. In conclusion, the availability of New Inside Out Upper Intermediate Test Key free PDF books and manuals for download has revolutionized the way we access and consume knowledge. With just a few clicks, individuals can explore a vast collection of resources across different disciplines, all free of charge. This accessibility empowers individuals to become lifelong learners, contributing to personal growth, professional development, and the advancement of society as a whole. So why not unlock a world of knowledge today? Start exploring the vast sea of free PDF books and manuals waiting to be discovered right at your fingertips.

FAQs About New Inside Out Upper Intermediate Test Key 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. New Inside Out Upper Intermediate Test Key is one of the best book in our library for free trial. We provide copy of New Inside Out Upper Intermediate Test Key in digital format, so the resources that you find are reliable. There are also many Ebooks of related with New Inside Out Upper Intermediate Test Key. Where to download New Inside Out Upper Intermediate Test Key online for free? Are you

looking for New Inside Out Upper Intermediate Test Key PDF? This is definitely going to save you time and cash in something you should think about.

Find New Inside Out Upper Intermediate Test Key :

mercedes 560 sec manual

memorandum for physical science exemplar grade 12

memoirs of a hack mechanic

mercedes benz ml320 ml350 ml500 1998 repair service manual

memphis slim will argunas

menschenw rde menschenrechte verletzbarkeit schutz menschen

mental health technician study guide

mercedes benz cdi c220 sports owners manual

mercedes 110 workshop manual

memoirs of a motor sporting clergyman

~~memories of james hunt~~

memoirs captivity japan vol observations

~~men bible dwight lyman moody ebook~~

mercedes benz clk 230k manual

memorias de la casa de los muertos

New Inside Out Upper Intermediate Test Key :

how are the human and frog urinary systems similar byju s - May 14 2023

web how the two systems work together the frog s excretory and reproductive system is called the urogenital system because they work together quite often especially in male

excretory system of frogs biology by unacademy - Mar 12 2023

web the excretory system is the same in both male and female frogs however the reproductive structures differ the excretion in frogs is majorly carried out through

similarities between frog and human excretory system - May 02 2022

web similarities between frog and human excretory system author online kptm edu my 2023 09 18 16 02 08 subject

similarities between frog and human excretory

how are the human and frog urinary systems similar vedantu - Jun 15 2023

web excretory system of frogs a pair of flat red colored elongated kidneys located on either side of the spinal column in the posterior region of the body cavity each nephron in the

excretory system of the frog and human - Nov 08 2022

web similarities both frogs and humans have kidneys that filter waste products from the blood both excrete waste products in the form of urine both have a bladder that

frog s excretory and reproductive system infogram - Feb 11 2023

web human excretory system similarities of human and frog excretory urinary system frog excretory system organs and difference the excretory system of a human

similarities between frog and human excretory system - Oct 27 2021

what is the difference between frog and human integumentary - Jun 03 2022

web jun 14 2023 similarities between frog and human excretory system 3 7 downloaded from uniport edu ng on june 14 2023 by guest human and frog anatomy atlas

similarities and differences between frogs and humans excretory - Sep 06 2022

web sep 14 2023 similarities between frog and human excretory system author git 02 infra openwrt org 2023 09 14 22 20 43 subject similarities between frog and

similarities of frogs humans nature sciencebriefs com - Aug 17 2023

web solution similarities between frog and human urinary system humans are classified as mammals and frogs are classified as amphibians mammals have an anatomical and

kidney urinary system kids britannica kids homework help - Apr 13 2023

web introduction interactive encyclopædia britannica inc taviphoto dreamstime com the anatomy or body structure of frogs is similar to the anatomy of human beings both

similarities and differences between frogs and humans excretory - Jul 04 2022

web similarities between frog and human excretory system author whichissed visionaustralia org 2023 09 07 15 08 11 subject similarities between frog

similarities of frogs humans sciencing - Sep 18 2023

web sep 1 2023 answer verified 285 9k views hint the system present to eliminate the waste particles from the bodies is called the urinary system frogs and humans have

how are the human and frog urinary systems similar - Jul 16 2023

web both humans and frogs have urinary systems that include kidneys and a bladder but frogs are amphibians and amphibians also have a cloaca the cloaca collects both solid

similarities between frog and human excretory system - Feb 28 2022

web may 22 2023 system to distinguish between are similarities in system of human tropical rainforests present challenging conditions to the animals that live there in this

what does the reproductive system of a frog do how is this - Aug 05 2022

web merely said the similarities between frog and human excretory system is universally compatible considering any devices to read s chand s biology for class xi dr p s

similarities between frog and human excretory system - Dec 29 2021

similarities between frog and human excretory system pdf - Jan 30 2022

frog anatomy students britannica kids homework help - Jan 10 2023

web may 30 2018 frogs have only one opening called the cloaca through which both feces and urine pass humans however possess two separate orifices for urine and feces to

similarities between frog and human excretory system pdf - Apr 01 2022

web may 15 2018 explanation the similarity between the frog and the human digestive system is on the organs frog has the same digestive system organs as a human

what are the similarities between the frog and human digestive - Nov 27 2021

urogenital system of a frog a brief overview byju s - Dec 09 2022

web jan 1 2017 similarities between human and frog s system are limited to the fact that both possess paired testes ovary for gamete production in both the sexes of frog each

difference between human and frog urinary system human - Oct 07 2022

web nov 30 2018 by lakna 5 min read the main difference between frog and human integumentary system is that the frog integumentary system serves as a respiratory

trombone stands tunes sheet music for trombone tuba - Jun 15 2023

web created date 7 2 2013 11 21 25 pm

stand tunes youtube - Aug 05 2022

web trombone stand tunes june 24th 2018 as a recording and touring artist james

fun stand tunes r marchingband reddit - Oct 07 2022

web trombone stands tunes pdf entertainment general en upload skip carousel

trombone stand tunes - May 02 2022

web tenor trombone instrument recommendation listed in order from step up to

vol 1 stand tunes sheet music for trombone tuba flute - May 14 2023

web trombone stand tunes an organist s guide to resources for the hymnal 1982 jun 16

yorktown high school trombone survival sheet - Jan 30 2022

sonic stand tune sheet music for trombone tuba flat - Dec 09 2022

web trumpet 1 trumpet 2 trumpet 3 mellophone trombone 1 trombone 2 bass

the structure of the trombone how to play the scale musical - Jun 03 2022

web 20 great tunes with a fun mickey mouse stand provide readers a great package packed

trombone soundboard instant sound buttons myinstants - Nov 27 2021

how to tune a trombone professional advice made easy - Nov 08 2022

web ah the trombone section is fun

trombone stand tunes cyberlab sutd edu sg - Feb 11 2023

web dec 2 2022 how to tune a trombone step by step 1 check that your tuning

how to find the best trombone stand brass n wind - Apr 01 2022

web trombone music stand etsy 1 35 of 35 results price shipping all sellers music

stand tunes no 6 best of hbcu musescore com - Sep 18 2023

web download and print in pdf or midi free sheet music for pep band stand tunes

stand tunes roswell high sheet music for trombone tuba - Aug 17 2023

web download and print in pdf or midi free sheet music for trombone stands tunes

trombone stands tunes bobjonesband files wordpress com - Apr 13 2023

web learn how to play trombone stands tunes on the piano our lesson is an easy way to

stand tunes marching band vol 1 musescore com - Oct 19 2023

web download and print in pdf or midi free sheet music for stand tunes by roswell high

trombone music stand etsy - Dec 29 2021

stand tunes sheet music for trombone flat - Mar 12 2023

web nov 4 2023 full score trombone solo solo trombone 1 solo

trombone stand tunes cyberlab sutd edu sg - Feb 28 2022

web sounds trombone soundboard sad trombone advp sad trombone gaming sad

trombone stands tunes pdf entertainment general scribd - Jul 04 2022

web best trombone stand including hamilton kb510 classic trombone stand hercules

pep band stand tunes sheet music for trombone - Jul 16 2023

web stand tunes arranged by queen jb productions for trombone tuba flute piccolo

trombone stands tunes piano tutorial musescore.com - Jan 10 2023

web section leader trombone 2 yr ago when looking for stands tunes that your band

music jsu marching southerners - Sep 06 2022

web how to play the scale the slide has seven positions trombones work by using the slide

saber mas 16 cuadros muy muy importantes del muse full pdf - Dec 16 2021

web saber mas 16 cuadros muy muy importantes del muse psychotropic substances 2018 substances psychotropes 2018

sustancias sicotrópicas 2018 instruccion para el

download solutions saber mas 16 cuadros muy muy - Mar 31 2023

web saber mas 16 cuadros muy muy importantes del muse ow ncost potato based food products in developing countries oct

28 2021 ap spanish language and culture

saber mAs 16 cuadros muy muy importantes del - Aug 04 2023

web un libro perfecto para regalar con motivo del bicentenario del museo del prado cuyo pistoletazo de salida es el 19 de

noviembre de 2018 un fantástico álbum ilustrado por

pdf saber mas 16 cuadros muy muy importantes del muse pdf - Jul 23 2022

web mar 30 2023 saber mas 16 cuadros muy muy importantes del muse pdf right here we have countless ebook saber mas

16 cuadros muy muy importantes del muse pdf

saber mas 16 cuadros muy muy importantes del muse 2022 - Jan 17 2022

web cuadro historico de la revolucion mexicana memorias para servir a la historia eclesiastica durante el siglo xviii dos

generaciones de jóvenes 1960 1998 instalaciones

ebook saber mas 16 cuadros muy muy importantes del muse - Feb 27 2023

web saber mas 16 cuadros muy muy importantes del muse pulp and paper capacities survey 1997 2002 sep 02 2020 these

annual surveys of wood pulp and paper

saber mas 16 cuadros muy muy importantes del muse pdf api - Nov 26 2022

web del muse 1 saber mas 16 cuadros muy muy importantes del muse yeah reviewing a books saber mas 16 cuadros muy muy importantes del muse could go to your near

saber mas 16 cuadros muy muy importantes del muse book - Jan 29 2023

web saber mas 16 cuadros muy muy importantes del muse samsung the frame 2021 llega con 1 400 obras de arte y un accesorio para crear un mueble en la pared a xataka

saber mas 16 cuadros muy muy importantes del muse - Dec 28 2022

web saber mas 16 cuadros muy muy importantes del muse que viva la música variedad infinita diario de avisos de madrid informática para tod s saber ver levante

la cara b de lo cuadros sale a la luz en una singular exposición - Mar 19 2022

web nov 6 2023 una exposición tan extraordinaria como original en el museo del prado invita ahora a descubrir la cara b de los cuadros su parte trasera lleva por título reversos y

saber mas 16 cuadros muy muy importantes del muse - Nov 14 2021

web this is likewise one of the factors by obtaining the soft documents of this saber mas 16 cuadros muy muy importantes del muse by online you might not require more epoch

saber mas 16 cuadros muy muy importantes del muse 2022 - Oct 26 2022

web saber mas 16 cuadros muy muy importantes del muse 1 omb no saber mas 16 cuadros muy muy importantes del muse 16 cuadros muy muy importantes del

saber mas 16 cuadros muy muy importantes del muse 2022 - Feb 15 2022

web saber mas 16 cuadros muy muy importantes del muse downloaded from renewalcc com by guest elsa ibarra la gente de mi tierra en las fiestas del

ebook saber mas 16 cuadros muy muy importantes del muse - May 21 2022

web saber mas 16 cuadros muy muy importantes del muse cuadros pintados en romance sobre los festejos que la muy antigua ciudad de soria dedica a la madre de dios jan

saber mÁs 16 cuadros muy muy importantes del - May 01 2023

web saber mÁs 16 cuadros muy muy importantes del museo del prado muinelo Óscar q 145 un fantástico álbum ilustrado por violeta monreal para

saber mas 16 cuadros muy muy importantes del muse pdf - Jun 21 2022

web jun 22 2023 repercusión de la mejor pintura española del último tercio del siglo xix y las dos primeras décadas del siglo xx a través de 2200 obras el artista valenciano supo

saber mas 16 cuadros muy muy importantes del muse pdf jill - Sep 24 2022

web jun 13 2023 one merely said the saber mas 16 cuadros muy muy importantes del muse pdf is universally compatible later any devices to read c for students doug bell

saber mas 16 cuadros muy muy importantes del muse pdf - Aug 24 2022

web 4 saber mas 16 cuadros muy muy importantes del muse 2022 07 06 de sus métodos constituye una fuente de información para la propuesta de políticas de salud dirigidas a

saber mas 16 cuadros muy muy importantes del muse pdf - Oct 14 2021

web revista de educación nº 200 16 cuadros muy muy importantes del museo del prado Óscar muinelo 2019 03 15 un fantástico álbum ilustrado por violeta monreal para

saber mas 16 cuadros muy muy importantes del muse pdf - Sep 05 2023

web saber mas 16 cuadros muy muy importantes del muse downloaded from ftp dartgo org by guest arnav baker 16 cuadros muy muy importantes del museo del prado

saber mas 16 cuadros muy muy importantes del muse - Oct 06 2023

web jun 1 2023 trad de la última ed franc y adornado con un album infernal de 16 láminas finas cuadro estadístico de la siempre fiel isla de cuba correspondiente al año de

saber mas 16 cuadros muy muy importantes del muse pdf - Jul 03 2023

web saber mas 16 cuadros muy muy importantes del muse pdf introduction saber mas 16 cuadros muy muy importantes del muse pdf pdf pintura y pensamiento en la

saber mas 16 cuadros muy muy importantes del muse pdf - Jun 02 2023

web saber mas 16 cuadros muy muy importantes del muse downloaded from aveannamedicalsolutions buyerads com by guest lopez silas cuadro historico de la

saber mas 16 cuadros muy muy importantes del muse pdf - Apr 19 2022

web conceptual art in 1990 the exhibition is curated by olivier debroise pilar garcía de germenos cuauhtémoc medina Álvaro vázquez mantecón provided by vendor