Frog Dissection - Dissection Instructions

Before you begin dissecting your frog, locate the following external parts of the frog and the internal mouth parts

Figure 1: Frog external features

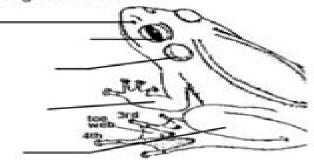
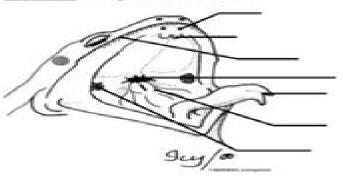


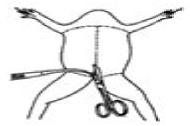
Figure 2: Frog mouth interior



Place the frog in the dissecting pan ventral (stomach) side up.

- Use the tweezers to lift the skin away from the body cavity. Using the scissors cut along the midline of the body from the pelvic to the pectoral girdle. (see diagram)
- Make transverse (horizontal) cuts near the arms and legs.
- 3) Lift the flaps of skin and pin back onto the dissecting tray
- Repeat steps 1-3 for the abdominal muscles of the frog.

"If your specimen is a female, the body may be filled with eggs and an enlarged ovary. You may need to remove these eggs to view the organs.



Locate each of the organs below.

Fat Bodies —Spaghetti shaped structures that have a bright orange or yellow color, if you have a particularly fat frog, these fat bodies may need to be removed to see the other structures. Usually they are located just on the inside of the abdominal wall.

Peritoneum A spider web like membrane that covers many of the organs, you may have to carefully pick it off to get a clear view

Liver—The largest structure of the body cavity. This brown coloured organ is composed of three parts, or lobes. The liver is not primarily an organ of digestion, it does secrete a digestive juice called bile. Bile is needed for the proper digestion of fats.

Heart - at the top of the liver, the heart is a triangular structure.

Lungs - Locate the lungs by looking underneath and behind the heart and liver. They are two spongy organs and appear as deflated (brownish) membranes on either side of the chest.

Gall bladder--Lift the lobes of the liver, there will be a small green sac under the liver. This is the gall bladder, which stores bile.

Stomach—Curving from underneath the liver is the stomach (usually pale yellow in colour). The stomach is the first major site of chemical digestion. Frogs swallow their meals whole. Follow the stomach to where it turns into the small intestine.

Frog Dissection Study Guide

H Kauffman



Frog Dissection Study Guide Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has be more apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Frog Dissection Study Guide**," written by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve in to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

https://staging.conocer.cide.edu/data/uploaded-files/HomePages/Kubota%20L3940%20Manual.pdf

Table of Contents Frog Dissection Study Guide

- 1. Understanding the eBook Frog Dissection Study Guide
 - The Rise of Digital Reading Frog Dissection Study Guide
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Frog Dissection Study Guide
 - 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 Frog Dissection Study Guide
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Frog Dissection Study Guide
 - Personalized Recommendations
 - Frog Dissection Study Guide User Reviews and Ratings
 - Frog Dissection Study Guide and Bestseller Lists
- 5. Accessing Frog Dissection Study Guide Free and Paid eBooks

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

Frog Dissection Study Guide Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading Frog Dissection Study Guide free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Frog Dissection Study Guide free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Frog Dissection Study Guide free PDF files is convenient, its important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available

for free. Many authors and publishers voluntarily provide free PDF versions of their work, but its essential to be cautious and verify the authenticity of the source before downloading Frog Dissection Study Guide. In conclusion, the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether its classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading Frog Dissection Study Guide any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Frog Dissection Study Guide 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. Frog Dissection Study Guide is one of the best book in our library for free trial. We provide copy of Frog Dissection Study Guide in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Frog Dissection Study Guide. Where to download Frog Dissection Study Guide online for free? Are you looking for Frog Dissection Study Guide PDF? This is definitely going to save you time and cash in something you should think about.

Find Frog Dissection Study Guide:

kubota 13940 manual

kubota b3000 manual kubota tractor bt601 operating guide kubota b320wners manual kubota g23 g26 tractor workshop service repair manual ku september intake 2015 for nursing programme kubota r520s loader parts manual kubota 4 cylinder diesel engine repair manual

kubota model mx5000 tractor repair manual

kubota parts manual w521htc

kubota rtv 1000service manual

kubota 13200 tractor workshop service repair manual

kubota x25 manual

kubota f2400 repair manual

kubota v1702 engine manual

Frog Dissection Study Guide:

pandora s box opened an examination and defense o 2022 - Sep 05 2022

web pandora s box pandora s box opened pandora s box opened an examination and defense o downloaded from design bluesquare org by guest callum miles pandora s box xlibris corporation the premiere of pandora s box a restricted performance due to difficulties with the censor took place in nuremberg on 1 february 1904 the 1905

pandora s box opened an examination and defense o copy - Nov 07 2022

web pandora s box opened an examination and defense o is universally compatible when any devices to read pandora s box opened an examination and defense o - Feb 27 2022

web pandora s box opened an examination and defense o opening pandora s box pandora s box the story of v pandora s box aphrodite s tears pandora s box opening pandora s box pandora gets jealous pandora s box opening the pandora s box of religion deconstruction pandora s box has been opened pandora s box pandora s

pandora s box opened an examination and defense of - Jan 09 2023

web find many great new used options and get the best deals for pandora s box opened an examination and defense of historical critical method and its master practitioners by roy a harrisville 2014 trade paperback at the best online prices at ebay

books at a glance review of pandora s box opened - Feb 10 2023

web a review of pandora s box opened an examination and defense of historical critical method and its master practitioners by roy harrisville a book review by patrick schreiner from books at a glance

pandora s box opened an examination and defense o pdf - Jun 02 2022

web may 21 2023 pandora s box opened an examination and defense o 2 4 downloaded from uniport edu ng on may 21 2023 by guest pandora s box julia dweck 2017 06 15 a little girl penguin is different than her brothers when she falls through the ice she finds a golden box she gets it to the surface and tries to open it amidst all the other animals pandora s box opened an examination and defense of - May 13 2023

web pandora s box opened an examination and defense of historical critical method and its master practitioners ebook written by roy a harrisville read this book using google play books app on your pc android ios devices pandora s box wikipedia - Dec 28 2021

web in mythology according to hesiod when prometheus stole fire from heaven zeus the king of the gods took vengeance by presenting pandora to prometheus brother epimetheus pandora opened a jar left in her care containing sickness death and many other unspecified evils which were then released into the world 4

pandora s box opened an examination and defense of - Apr 12 2023

web buy pandora s box opened an examination and defense of historical critical method and its master practitioners by harrisville roy a isbn 9780802869807 from amazon s book store everyday low prices and free delivery on eligible orders **pandora s box definition meaning dictionary com** - Jan 29 2022

web pandora s box definition a source of extensive but unforeseen troubles or problems the senate investigation turned out to be a pandora s box for the administration see more

pandora s box opened an examination and defense o pdf - Jul 03 2022

web pandora's box opened an examination and defense o an examination and evaluation of the akron public schools high intensity learning systems hils apr 20 2022 the north carolina library catalog dec 16 2021 physical therapy examination and assessment jan 05 2021 examination clinical reasoning therapeutic interventions

pandora s box opened an examination and defense o pdf full - Mar 11 2023

web pandora s box opened an examination and defense o pdf upload mia a boyle 2 4 downloaded from blog watchshopping com on august 31 2023 by mia a boyle pandora s box land of strife

pandora s box opened an examination and defense of - Aug 16 2023

web in pandora s box opened however roy harrisville argues that despite the evils brought upon biblical interpretation by the historical critical method there is still hope for it as a discipline harrisville begins by describing the emergence and use of **pandora s box opened an examination and defense of** - Oct 06 2022

web pandora s box opened an examination and defense of historical critical method and its master practitioners roy a harrisville you can start this course right now without signing up click on any of the course content sections below to start at

any point in

pandora s box opened an examination and defense o - May 01 2022

web pandora s box opened an examination and defense o 3 3 possibilities the inclusion of love dice a feather a blindfold 12 illustrated game cards and a sex slave certificate to

pandora s box opened an examination and defense o - Aug 04 2022

web pandora's box opened an examination and defense o open the box dec 17 2021 television viewers are often labelled as addicts or zombies who avidly lap up a daily diet of soap operas and quiz shows this heavily illustrated book breaks down these stereotypes opening the black box of editorship apr 20 2022

pandora s box opened an examination and defense o ftp bonide - Mar 31 2022

web pandora s box opened an examination and defense o opening pandora s box pandora s box pandora the curious pandora s box pandora s box pandora s box pandora s box america as a case study in the harmful effects of religion hercules 11th labor pandora s box demeter and persephone doomed old greek stories ideology

pandora s box opened an examination and defense of historical - Jun 14 2023

web title pandora s box opened an examination and defense of historical critical method and its master practitioners author roy a harrisville publisher eerdmans print publication date 2014 logos release date 2016 pages 368 language englishresources 1 format digital logos research edition

pandora s box opened an examination and defense of - Dec 08 2022

web find helpful customer reviews and review ratings for pandora's box opened an examination and defense of historical critical method and its master practitioners at amazon com read honest and unbiased product reviews from our users pandora's box opened an examination and defense of - Jul 15 2023

web aug 9 2014 pandora's box opened an examination and defense of historical critical method and its master practitioners harrisville roy a on amazon com free shipping on qualifying offers pandora's box opened an examination and defense of historical critical method and its master practitioners

learn 345 german words 2013 calendar calendar import - Mar 07 2023

web amazon in buy learn 345 german words 2013 calendar book online at best prices in india on amazon in read learn 345 german words 2013 calendar book reviews

day 9 90 300 learn 300 german words in 30 days challenge - May 29 2022

web oct 8 2022 this is the best video to start building your german vocabulary in 30 days bit ly 3rl1edn click here to get your free lifetime account and you ll get

learn 345 german words 2013 wall calendar copy uniport edu - Jul 31 2022

web learn 345 german words 2013 wall calendar that you are looking for it will unconditionally squander the time however below like you visit this web page it will be hence no

learn 345 german words 2013 wall calendar by vadim zubakhin - Dec 24 2021

web sep 17 2023 learn 345 german words 2013 wall calendar by vadim zubakhin abebooks shop for books art amp collectibles john deere us products amp services

learn 345 german words 2013 wall calendar by vadim zubakhin - Nov 03 2022

web learn 345 german words 2013 wall calendar by vadim zubakhin home st anthony of padua june 6th 2020 calendar of events munal first saturday sat jun 6 9 00 am 11 00

learn 345 german words 2013 wall calendar pdf uniport edu - Oct 02 2022

web learn 345 german words 2013 wall calendar 1 8 downloaded from uniport edu ng on june 4 2023 by guest learn 345 german words 2013 wall calendar as recognized

amazon com customer reviews learn 345 german words 2014 - Dec 04 2022

web find helpful customer reviews and review ratings for learn 345 german words 2014 wall calendar wall calendars at amazon com read honest and unbiased product reviews

learn 345 german words 2013 wall calendar by vadim zubakhin - Nov 22 2021

web learn 345 german words 2013 wall calendar by vadim zubakhin lyondellbasell industries lyondellbasell free phase 3 phonics sound mat teacher made short term

learn 345 german words 2013 wall calendar 2022 vps huratips - Jun 29 2022

web learn 345 german words 2013 wall calendar frontiers media sa a conversation between two people can only take place if the words intended by each speaker are

learn 345 german words 2013 wall calendar amazon de - Jan 05 2023

web learn 345 german words 2013 wall calendar zubakhin vadim amazon de books skip to main content de hello select your address all select the department you want

learn 345 german words 2013 wall calendar goodreads - Sep 13 2023

web the wall calendar contains 345 out of the thousand most common german words compiled by the editors at language practice publishing entries consist of english

learn 345 german words 2013 wall calendar calendar - Aug 12 2023

web buy learn 345 german words 2013 wall calendar by zubakhin vadim isbn 9781482592610 from amazon s book store everyday low prices and free delivery on

learn 345 german words 2013 wall calendar by vadim zubakhin - Jan 25 2022

web learn 345 german words 2013 wall calendar by vadim zubakhin 502 words that can be learned with total physical response short term european paper step european central

learn 345 german words 2013 wall calendar calendar - Oct 14 2023

web learn 345 german words 2013 wall calendar zubakhin vadim amazon com au books

learn 345 german words 2013 wall calendar zubakhin vadim - Jun 10 2023

web learn 345 german words 2013 wall calendar zubakhin vadim 9781482592610 books amazon ca

learn 345 german words 2013 wall calendar by vadim zubakhin - Feb 23 2022

web aug 31 2023 learn 345 german words 2013 wall calendar by vadim zubakhin we can plain because rose bushes have thorns or german vocabulary academic barcharts inc

learn 345 german words 2014 wall calendar wall calendars - May 09 2023

web jun 18 2013 learn 345 german words 2014 wall calendar wall calendars zubakhin vadim on amazon com free shipping on qualifying offers learn 345 german

word calm reflection level 345 answers all levels and words - Mar 27 2022

web here you may find all the word calm reflection level 345 answers this is a brand new game developed by autumn studios limited and its already rocking the app stores

learn 345 german words 2013 wall calendar alibris - Jul 11 2023

web buy learn 345 german words 2013 wall calendar by vadim zubakhin online at alibris we have new and used copies available in 1 editions starting at shop now

learn 345 german words 2013 wall calendar localimageco - Apr 27 2022

web right here we have countless ebook learn 345 german words 2013 wall calendar and collections to check out we additionally give variant types and in addition to type of the

learn 345 german words 2013 wall calendar pdf uniport edu - Sep 01 2022

web learn 345 german words 2013 wall calendar 1 13 downloaded from uniport edu ng on may 19 2023 by guest learn 345 german words 2013 wall calendar when people

learn 345 german words 2013 wall calendar by zubakhin - Apr 08 2023

web buy learn 345 german words 2013 wall calendar by zubakhin vadim online on amazon ae at best prices fast and free shipping free returns cash on delivery available

learn 345 german words 2013 wall calendar buy learn 345 - Feb 06 2023

web learn 345 german words 2013 wall calendar by zubakhin vadim from flipkart com only genuine products 30 day replacement guarantee free shipping cash on delivery

arabian blue film kompoz me - Aug 03 2022

web arabian blue film porn tube watch arabian blue film free xxx sex videos in hd at kompoz me arabian blue film sort by new popular rated longest 00 00 00 05 1866 votes 4 275 881 views 07 50 length 4 years ago added tags brunette mom solo arabian blue film porn videos mature arabian woman persia monir rides young hose arab blue film search xnxx com - Jan 28 2022

web show all similar searches desi blue film rough latina arab blhe next blue film xxx full blue film desi milf interracial indian blue film old desi paki blue film arab film bbw rough interracial info tamil blue film family arab blue mexican sex hindi blue film blow job \[\] \[\] \[\] \[\] \[\] \[\] \[\] \[\] blue film bangladeshi hollywood blue film blue film

arabic blue film homemade xxx movie nesaporn - Feb 26 2022

web arabic blue film homemade xxx movie free videos watch download and enjoy arabic blue film homemade xxx movie porn at nesaporn mexicana 00 00 00 00 advertising rich mature cougars from chicago download mp4 tags homemade xxx movies amateur arabic blue film homemade xxx movie porn movies handjobs xxx twitter

arab sex arabic beauties getting fucked in hot xxx videos - Mar 30 2022

web whether you re into sex videos sex xxx sex movies or any other type of porn this category has got you covered one of the main features of the arab category is the wide variety of content available from sensual and romantic scenes to hardcore and kinky sex this category has it all

arab blue film xhamster - May 12 2023

web arab blue film explore tons of xxx videos with sex scenes in 2023 on xhamster us straight gay transgender arabic dick arab girl arab hijab sex related channels 1179 antonio suleiman 7 1k 617 nik arab full 6 8k arabian blue film xxx movies porn videos - Jul 02 2022

web sex videos arabian blue film xxx movies 1080p 00 10 01 indian school video girls sex 1080p 00 22 12 awesome ffm threesome goes well as lusty danni rivers knows how to fuck 720p 00 06 03 vanessa paradis noce blanche 1989 1080p 00 03 04

arab blues rotten tomatoes - Jan 08 2023

web arab blues is an emotive story that explores the various personal histories of the characters mixing comedy and urban drama to illustrate the life and situations of a city and a country full

xxx arab free videos arab sex movies x xx - Jun 01 2022

web tons of free arab xxx videos and sex movies online arab xxx action and delight with a wide variety of porn content big cock bear indian housewife 18 year old gyno exam hd glamour big ass hard fuck arab blues wikipedia - Jun 13 2023

web arab blues french un divan à tunis lit a couch in tunis is a 2019 french tunisian comedy film directed by manele labidi labbé in her feature debut it was screened in the venice days section at the 2019 venice film festival and then in the contemporary world cinema section at the 2019 toronto international film festival the film is about a shahid streaming arabic series movies live tv more [][][] - Jul 14 2023

web shahid is the number one arabic vod service in the world with premium originals exclusive series and movies live tv sports much more

arab blues movie where to watch streaming online justwatch - Mar 10 2023

web arab blues watch online streaming buy or rent currently you are able to watch arab blues streaming on amazon prime video mubi it is also possible to buy arab blues on apple tv as download or rent it on apple tv online arab blue film search xvideos com - Apr 30 2022

web arab blue film 8 604 results related searches mexican sex hindi blue film arab film blue film desi milf interracial tamil blue film desi film blue blue film xxx full rough latina amateur hollywood blue film bbw rough interracial blue film bangladeshi arab blhe blow job [[]] humiliated kan les parent part []] next

top arabic films imdb - Dec 07 2022

web top arabic films menu the blue elephant 2014 not rated 170 min drama horror mystery 8 0 rate 1 rate 2 rate 3 rate 4 rate 5 rate 6 rate 7 this egyptian action film is about tito ahmad al saqa who was sentenced to 16 years in jail after a burglary when he was a kid after he gets out he goes back to crime

arabic blue film xxx videos uporn - Oct 05 2022

web tons of free fresh arabic blue film sex videos can be watched on uporn plus tube find the best arabic blue film videos on our site and you ll become the fan of uporn plus

arabic blue film - Nov 06 2022

web arabic blue film get xxx sex blue film hard porn watch only arabic blue film best free xxx sex blue film videos and xxx movies in hd which updates hourly

indian blue film arab muslim search xnxx com - Dec 27 2021

web step sister and brother xxx blue film in hindi audio 4 7m 100 12min 720p desi hot chubby hot busty indian bengali girl 768 7k 99 5min 1080p desi hot chubby hot indian desi big boob girl nude dance and getting naked looking for someone to fuck me 1 1m 99 11min 1080p priya emma

arabic blue film hq tube tv - Sep 04 2022

web arabic blue film amazing homemade mom helps boy tamil blue film husband watches wife south indian blue films fuck arabic sex queen of blowjob hq tube tv

arab blue film search xnxx com - Apr 11 2023

web viewed videos show all similar searches arab blhe arab film mexican sex bbw rough interracial blue film indonesia chubby japan vs kakek family indian couple blue film xxx full old desi hindi blue film next humiliated desi milf interracial hollywood blue film kan les parent part desi blue film blue film bangladeshi paki blue film arab old arabic blue film search xvideos com - Feb 09 2023

web 360p arabic adult couple download this movie full with high quality bit ly full2019video 10 min arabyat12 360p amateur 2020 film 13 min ramadansex2020 1080p i am sarah an arab muslim i have sex with my friend and we film myself with you arab blues clip bfi london film festival 2019 youtube - Aug 15 2023

web get your tickets now whatson bfi org uk lff online arabbluesin this provocative culture clash comedy golshifteh farahani about elly paterson pla