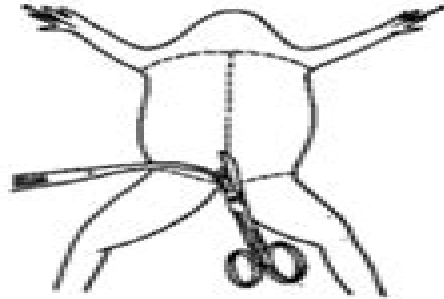


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Student Guide to the Frog Dissection



Dissection Instructions

1. Place the frog in the dissecting pan ventral side up.
2. Use scissors to lift the abdominal muscles away from the body cavity. Cut along the midline of the body from the pelvic to the pectoral girdle.
3. Make transverse (horizontal) cuts near the arms and legs.
4. Lift the flaps of the body wall and pin back.

*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. Check the box to indicate that you found the organs.

1. **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. ☐
2. **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 ☐
3. **Liver**--The largest structure of the the body cavity. This brown colored organ is composed of three parts, or lobes. The **right lobe**, the **left anterior lobe**, and the **left posterior lobe**. The liver is not primarily an organ of

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Table of Contents Answers For Netfrog Dissection

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

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

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