Thoracotomy: thorac (chest) + otomy (incision into) = a surgical opening into the chest.

Answer: $.70/lb.

Solution: $35/50 lb = $.70/lb.

Answer: Y

Answer: 7 mice.

Solution: Use the same formula as in No. 1. The height of the cage is not relevant in this case. 7.5

Puzzle Answers:

- Bring a variety of rectangular boxes and containers into the classroom (table tops and books also work well). Have the students calculate the

1. calculation and metric conversion formulas prior to beginning this activity.

2. Provide an opportunity to discuss the importance of the metric system and how it is used in everyday life, such as in cooking, science,

3. encourage students to think critically about the importance of using the correct units of measurement in scientific research.

4. Provide a hands-on activity that reinforces the metric system by having students measure and compare objects using metric units.

5. Discuss the impact of using the metric system on international communication and scientific collaboration.

6. Emphasize the importance of accuracy and precision in scientific research.

7. Foster a deeper understanding of the metric system by incorporating it into real-world scenarios, such as measuring ingredients in a

8. science experiment.

9. Provide additional resources and materials to reinforce the learning objectives, such as metric conversion charts and practice problems.

10. Encourage students to explore the metric system further by conducting their own research or experiments.

Scientific Cross-Cross

- What is biomedical research and why should I care?

- What is the role of animals in biomedical research?

- What are the ethical considerations associated with the use of animals in research?

- What alternative methods are available to replace or reduce the use of animals in research?

- What is the future of biomedical research?

- How do I become involved in biomedical research?

- What are the potential benefits of biomedical research for society?

- What are the potential risks of biomedical research?

- How do I stay informed about the latest developments in biomedical research?

- How can I support biomedical research?

- What are the career opportunities in biomedical research?

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