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| Pages:601-611 | MODULE 57 GUIDE"Toxicology and Chemical Risks" | Due: |
| **Vocabulary** |
| Neurotoxin | Carcinogen | Mutagen | Teratogen |
| Endocrine Disruptor | Dose-Response Study | Acute Study | Chronic Study |
| LD-50 | ED-50 | Synergistic Interaction | Persistence |
| 1. What lead to a significant decline in lead exposure in the USA? How is lead exposure still occurring today?
2. What is a common teratogen that isn’t necessarily a mutagen?
3. What are 3 examples of bodily functions that hormones regulate?
4. What specific effect is happening among male humans that may result from exposure to endocrine disruptors?
5. What is meant by the THRESHOLD of a dose-response study?
6. What are the 4 major species of animals used in LD50 studies?
7. **Do the Math**: Answer the question on page 607.
8. Give an example of bioaccumulation.
9. Give an example of biomagnification.
10. What is the persistence of DDT? How much would be present after 60 years?
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| **Review Q's** (pg 611) | **Module Summary** (your own words - What's important? Connections? Meaning?) |