Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Class\_\_\_\_\_\_

**Toxicology Unit Review Sheet**

1. Drugs often mimic the action of chemical messengers called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ within the brain.
2. Why are teenagers more likely to become addicted to a substance than adults?
3. Label the following areas of the brain: cerebrum, cerebellum, midbrain, medulla, & pons

 

 What does the acronym BAC stand for?

1. A 160 female who consumes 4 drinks in 3 hours will have a BAC \_\_\_\_\_\_\_\_\_\_ than a male of the same size who consumes the same amount.
2. 

**Time Factor Table**

Hours Since First Drink: 1 2 3 4 5 6 7 8

Subtract from BAC: .015 .030 .045 .060 .075 .090 .105 .120

If a 180 lb male consumes 7 drinks, will he be legal to drive in Georgia after 4 hours? Show your work and Explain your answer.

1. Schedule \_\_\_\_\_ drugs have the greatest potential for abuse and no medical use whereas the schedule \_\_\_\_\_ drugs are considered safe and medically useful.
2. Drug test that are color test are considered to be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. What do these test tell us?
3. Classify the following drugs according to their type:
	1. Marijuana b. alcohol
	2. Cocaine e. heroin
4. How much of the evidence sent to the crime lab is drug-related?
5. List two confirmatory tests for drugs. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ & \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Give two examples of “club drugs” \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ & \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Give one example of a toxin.
8. Give three examples of earliest poisoning uses/cases.
9. The deposits of poisons seen in fingernails are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
10. What would an LD50 of 80 mg/kg indicated about a poison?
11. At what BAC is alcohol considered to be lethal?
12. Most poisons are categorized as strong \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
13. Categorize the poisoning from the following substances based on the exposure level:
	1. Carbon monoxide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	2. Salmonella \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	3. Dimethlymercury \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	4. Polonium-210 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
14. Explain the job of a “food taster”.
15. What is the relationship of the FDA, EPA, DOT, & OSHA to toxicology?
16. In the event of a suspicious death, what are 3 body fluids that toxicology testing may be conducted on?
17. Other than body fluids what other two body tissues may carry evidence of poisoning?

 **A. B. C.**

 **D. E. F.**

 

Which web was created by a spider under the influence of :

Morphine \_\_\_\_\_\_\_\_\_ Sleeping pills \_\_\_\_\_\_\_\_ Amphetamines \_\_\_\_\_\_\_\_\_\_\_\_\_

Caffeine \_\_\_\_\_\_\_ Marijuana \_\_\_\_\_\_\_\_\_ NO DRUGS \_\_\_\_\_\_\_