

CSI Web Adventures

Name _____

Go to <http://forensics.rice.edu/> and click the section for "Case One: Rookie Training" to find the answers to complete this worksheet. You are playing "AS A GUEST". You don't need to register for anything.

Go to the "**Toxicology Lab**" section and choose "**Learn about the Lab**" to answer these questions.

What do forensic toxicologists do? _____

How much of each is needed for testing? _____ of vitreous humor, _____ of blood, and _____ of urine.

Vitreous humor is the _____ fluid inside the eye that gives the eye its _____.

Toxicologists sometimes analyze vitreous humor to _____ results from the blood or urine. If

a drug or poison is present in _____ of these fluids, it should be present in _____.

A Medical Examiner collects the vitreous humor with a _____.

Blood transports _____, nutrients, and other chemicals throughout the body. Most chemicals ingested into the body will _____ appear in a person's blood. Once in the blood, the drug will be transported throughout the body – to the _____, brain, _____, and hair – everywhere!

Urine is one of the main ways _____ and other chemicals are _____ from the body. The Medical Examiner collects urine post mortem (_____) from the _____ using a _____.

What else might be tested? _____ or _____

Why do toxicologists analyze so many bodily fluids? _____

Toxicology has been around for over _____ years. What two people are mentioned as having contributed much to the field of toxicology? _____ and _____.

Sort the evidence into the three boxes. What was your time? _____

What instrument is used to screen for alcohol? _____

What test can tell us if certain drugs are in a sample? _____

What does the GC/MS instrument do? _____

Complete: Every _____ has its own specific pattern of _____.

What chemicals were found in the blood sample? _____ and _____.

Take the survey by clicking on the computer.