**Blood Alcohol Determination Worksheet Key**

**Scenario 1**

1. Marisa drank 5 drinks. At 120 lbs, that puts her at .20%. However, you must subtract .015% for each hour that passes and she drank for 3 hours so .045% must be subtracted. .20% - .045 % = **.155%**
2. Obviously drunk, staggering, irrational behavior, no coordination
3. Yes, she is driving intoxicated because Texas’ legal limit is .08% and she is above that.

**Scenario 2**

1. David drank 6 drinks. At 240 lbs, he is at .10%. However, subtracting .060% (.015% per hour x 4 hours) gives a BAC of **.04%**
2. Relaxed, mellow, may show slight signs of impairment
3. David is okay to drive at .04% according to Texas law. However, the effects of alcohol can vary greatly for many reasons.
4. Even though Anthony drank the same amount during the same amount of time, several factors could cause Anthony’s BAC to be higher than David’s, thus making him “more drunk.” The following questions could play a role in the determination:

* How much does Anthony weigh?
* Did he eat before drinking and what?
* Did the men drink the same kinds of drinks?
* Is Anthony taking any other medications?