True or False (2 pts each)

____ The ratio of gas exchange coefficients of two different volatile chemicals is equal to the cube root of their molecular weights.

____ The most accurate determination of gas exchange coefficients for the environment are by field measurements.

____ When a pure-phase liquid such as a spill of a NAPL (nonaqueous phase liquid) forms a slick, we should use the exact same thin-film model as if the compound in question were dissolved in water.

____ The two most common models of exchanges processes are the thin film model and the surface renewal model.

____ When Henry’s Law constant H is much less than 0.01 it is likely that both the air and water sides of the interface control the flux of a dissolved material.