

Preview of Prep Check No. 7

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.