

## Quiz 2

ENGR 340—Introduction to Environmental Engineering

Instructor: Deborah Sills

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Name:

Reading Quiz

1. Describe what, Henry's constant,  $K_H$  is used for.

$K_H$  IS USED TO CALCULATE CONCENTRATIONS OF CHEMICALS THAT PARTITION BETWEEN AIR & WATER.

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2. Describe how the concentrations of  $[H^+]$  and  $[OH^-]$  are related to each other.

$$[H^+][OH^-] = 10^{-14}$$

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3. Write an equation for  $pK_a$  as a function of  $K_a$ /

$$pK_a = -\log(K_a)$$

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