## SECTION 10-4 COMMON LOGS



The pH level of a substance is given by the formula:  $pH = -log_{10} H^+$  where  $H^+$  is the substance's hydrogen ion concentration. If the hydrogen concentration of sauerkraut is 2987 X 10<sup>-4</sup>, what is its pH level?



Solving exponential equations using common logarithms.

