

The pH of black coffee is about 5. The hydrogen ion concentration of beer is about one hundred times greater than that of coffee. What is the pH of beer?

A 2

B 3

C 5

D 6

E 7

Each change of one unit on the pH scale indicates a tenfold change in

the H^+ concentration. A pH of 3 is one hundred times more acidic than a pH of 5.

Answer **B**.

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