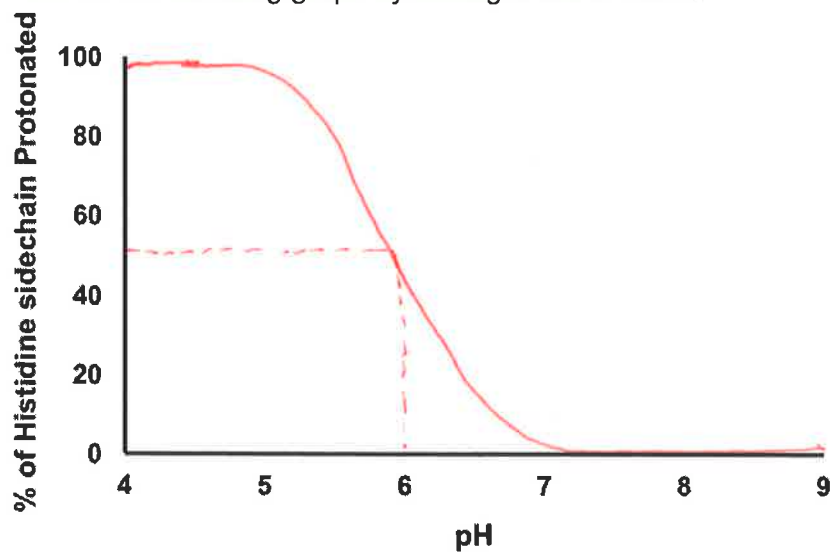


Name: Key

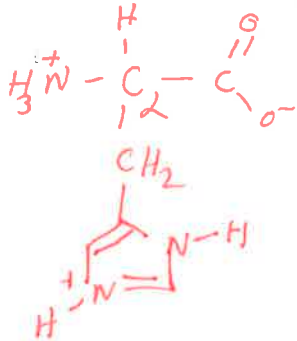
Quiz 6

The pKa values of histidine are 1.80; 9.33; and 6.04.

1. Predict the data for the following graph by adding a line or curve.



2. Draw the chemical structure of a complete histidine at pH 4.0.



3. Draw the chemical structure of a complete histidine at pH 8.0.

