











































Lecture 21 CH10	I2 A1 (MWF 9:05 am) Spring 2019	Copyright © 2019 Dan Dill dan@bu.edu
[TP] At 25 °C, titration of 1.0 L of 0.010 M weak acid with OH^- has $pH = 8.5$ at the equivalence point, whereas titration of 1.0 L of 0.010 M strong acid with OH^- has $pH = 7.0$ at the equivalence point. This means that, compared to the moles of OH^- needed to reach equivalence in the weak acid titration, the moles of OH^- needed in the strong acid titration must be		
25% 1.	less	
25% 2 .	the same	
25% <u>3</u> .	more	
25% 4.	Further information needed	
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