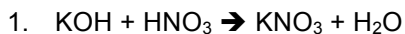


Revised August 2011



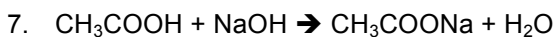
HONORS WORKSHEET 12c: ANSWERS



2. See simulation

The answers to questions 3, 4 and 5 must be calculated from the unique data supplied in the simulation

6. Sketch where pH starts below 7, the equivalence point is at 7 on the y-axis and at the correct volume (according to the simulation) on the x-axis, and finishes above 7



8. See simulation

The answers to questions 9, 10 and 11 must be calculated from the unique data supplied in the simulation

12. Sketch where pH starts below 7, the equivalence point is above 7 on the y-axis and at the correct volume (according to the simulation) on the x-axis, and finishes above 7