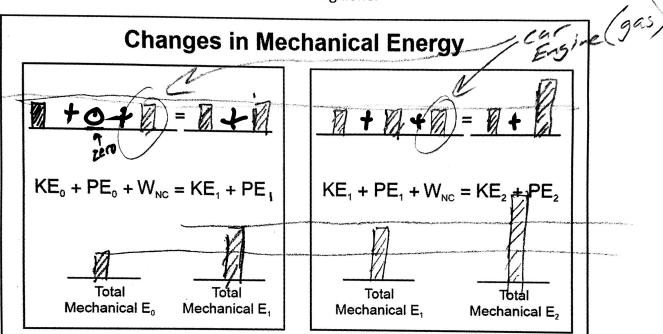
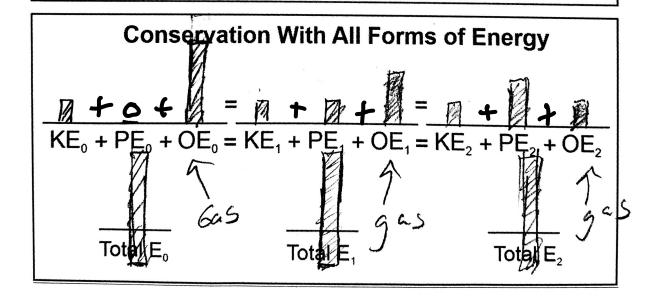
Graphical Energy Conservation Practice:

- Name:
- 1. A car drives up a hill from position 0(bottom of hill) to position 1 (half way up) to position 2 (top of the hill). Its speed is constant the entire time. The car's KE₀ and PE₀ are shown.
 - a. Draw the remaining energy bars in a sensible manner.
 - b. Add notes to each non conservative work (W_{NC}) and other energy (OE), indicating the type of energy or what sort of work is being done.





- 2. A car drives down a hill from position 0 (top) to position 1 (half way down) to position 2 (bottom of the hill). Its speed is constant the entire time. The car's KE_0 and PE_0 are shown.
 - a. Draw the remaining energy bars in a sensible manner.
 - b. Add notes to each non conservative work (W_{NC}) and other energy (OE), indicating the type of energy or what sort of work is being done.

