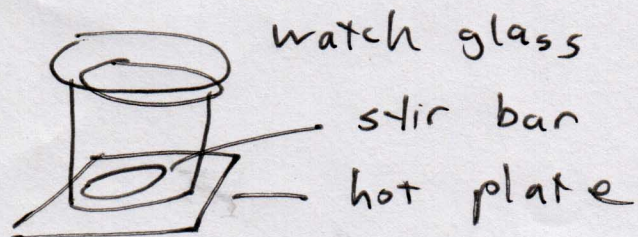


4/25/19



mass of kernels before heating (4)

= mass of beaker + kernels (3) - mass of beaker (2)

mass of popped corn (6)

= mass of beaker + popped corn (5) - mass of beaker (2)

mass of water driven from kernels (7)

= mass of kernels (4) - mass of popped corn (6)

mass % of water =  $\frac{\text{mass of water (7)}}{\text{mass of kernels (4)}} \times 100\%$