"I pledge my honor I have abided by the Stevens Honor system."



2.)
$$y_g = y_f + x y_{fay}$$

 $2000 = 1692.9 + x(775.9)$ @ 350°C
 $x = .961$

5.) Superheated Water
$$\times = N/A$$

6.)
$$h = 100$$

$$100 = 21.643 + \times (85.772)$$

$$100 = 21.643 + \times (85.772)$$

7.)

$$PV = MRT$$
 $P = Pa+M$
 $Pa+M = 101.325$
 $M = PV$
 $P = G01.325 \times 10^3 Pa$
 $P = 259.812 \frac{J}{MM}$
 $P = 259.812 \frac{J}{MM}$