

Download File PDF Introduction To Chemical Engineering Thermodynamics Solutions Manual 7th Edition

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu



wtf this great ebook for free?!

#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

[Download PDF version of :](#)
Introduction To Chemical Engineering Thermodynamics Solutions Manual 7th Edition

$$R = 82.06 \frac{\text{cm}^3 \cdot \text{atm}}{\text{mol} \cdot \text{K}}, \quad T = (10 + 273.15) \text{K}, \quad z_{\text{Denver}} = 1 \text{ m}$$
$$\frac{M \cdot g}{R \cdot T} \cdot z_{\text{Denver}} = 0.194$$
$$P_{\text{Denver}} = P_{\text{atm}} \cdot \left(\frac{-M \cdot g}{R \cdot T} \cdot z_{\text{Denver}} \right), \quad P_{\text{Denver}} = 0.823 \text{ atm}, \quad \text{Ans.}$$
$$P_{\text{Denver}} = 0.834 \text{ atm}, \quad \text{Ans.}$$

1.13 The same proportionality applies as in Pr. 1.11.

$$\rho_{\text{Earth}} = 32.180 \frac{\text{lb}}{\text{ft}^3}, \quad \rho_{\text{Moon}} = 5.52 \frac{\text{lb}}{\text{ft}^3}, \quad M_{\text{Moon}} = 18.76$$
$$M_{\text{Earth}} = M_{\text{Moon}} \cdot \frac{\rho_{\text{Earth}}}{\rho_{\text{Moon}}}, \quad M_{\text{Earth}} = 113.498$$
$$M = M_{\text{Earth}} \cdot \rho_{\text{Hg}}, \quad M = 113.498 \rho_{\text{Hg}}, \quad \text{Ans.}$$
$$W_{\text{Moon}} = M \cdot g_{\text{Moon}}, \quad W_{\text{Moon}} = 18.767 \text{ lb}, \quad \text{Ans.}$$

1.14 $\text{cost}_{\text{sub}} = \frac{5.00 \text{ dollars}}{1000 \text{ hr}} \cdot 10 \text{ hr} = 0.05 \text{ dollars}$, $\text{cost}_{\text{dec}} = \frac{0.10 \text{ dollars}}{1 \text{ hr}} \cdot 10 \text{ hr} = 1.0 \text{ dollars}$

$$\text{cost}_{\text{sub}} = 18.20 \frac{\text{dollars}}{\text{yr}}, \quad \text{cost}_{\text{dec}} = 25.567 \frac{\text{dollars}}{\text{yr}}$$
$$\text{cost}_{\text{total}} = \text{cost}_{\text{sub}} + \text{cost}_{\text{dec}}, \quad \text{cost}_{\text{total}} = 43.829 \frac{\text{dollars}}{\text{yr}}, \quad \text{Ans.}$$

1.15 $D = 1.25 \text{ ft}$, $\text{mass} = 2500 \text{ lb}$, $g = 32.100 \frac{\text{ft}}{\text{s}^2}$