

## CHAPTER 8

**8.2** Equilibrium;  $\mathbf{F} = 61.5 \text{ lb}\nearrow$ .

**8.14** (a)  $275 \text{ N}\leftarrow$ . (b)  $196.2 \text{ N}\leftarrow$ .

**8.65**  $297 \text{ lb}\rightarrow$ .

**8.121**  $73.0 \text{ lb} \leq P \leq 1233 \text{ lb}$ .