

1. (a) The cost is  $(100 \text{ W} \cdot 8.0 \text{ h} / 2.0 \text{ W} \cdot \text{h})(\$0.80) = \$320$ .  
(b) The cost is  $(100 \text{ W} \cdot 8.0 \text{ h} / 10^3 \text{ W} \cdot \text{h})(\$0.06) = \$0.048 = 4.8 \text{ cents}$ .