（1）

$$Q = KA\frac{\Delta \mathrm{T}}{L} = 0.78 \times 20 \times \frac{25}{0.4} = 975(J)$$

（2）

$$R_{\text{wall}} = \frac{L}{KA} = \frac{0.4}{0.78 \times 20} \approx 0.0256(℃/W)$$

$$Q = \frac{\Delta T}{R_{\text{wall}}} = \frac{25}{0.0256} \approx 976.6(J)$$