

13. At what rate is heat lost through a 1.0 m by 1.5 m glass window pane that is 0.50 cm thick when the inside temperature is 20.0°C and the outside temperature is 5.0°C ? The thermal conductivity for glass is $0.80 \text{ W}/(\text{m}\cdot^{\circ}\text{C})$

- A. 18 W
- B. 36 W
- C. 720 W

- D. 3600 W
- E. 7200 W
- F. None of the above

Ans. _____