Let:

$S = 0.1\ m^2$

$d = 2.0\ cm = 0.02\ m$

$T1 = 0℃$

$T2 = 20℃$

$k = 50.4\ {}^{J}/_{sm℃}$

$t = 30\ min. = 1800\ second$

$Q = ?$

The quantity of heat is:

$Q = t * k\frac{S\Delta T}{d}$ (Fourier's law)

$\Delta T = T2 - T1 = 20°$

Enter a data:

$$Q = 1800 * 50.4\frac{0.1*20}{0.02} = 9072000J = 9.1 * 10^6 J$$

Answer: "A"