Solution to part (b)

The resistance on left side of wall is 0.067 K/W

The resistance of construction material of wall is 0.222 K/W

The resistance on right side of wall is 0.067 K/W

Solution to part (c)

The Heat transferred per unit area is 2016 W = 2.017 kW

Solution to part (d)

The inside wall temperature is 865 K

The outside wall temperature is 417 K