WEEK ONE- ASSIGNMENT

A short summary about the conductive heat transfer and solving the same exercise with L=0.4m; A=20m^2 ; Delta T=25 and k=0.78W/mK using both simple method and using the resistance concept.

Summary: The phenomenon of conduction is heat transfer that happens between solids.

Answer:

Method 1:

= 0.78W/mK x 20 = 975W

Method 2:

= = 0.02564 K/W

= 975.03W