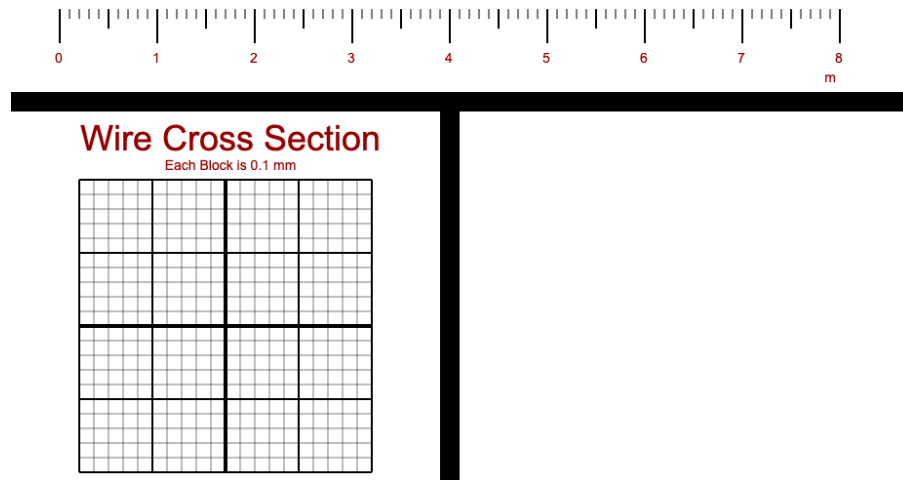


Current in a Wire

Step 1: Draw your wire in the area below. Show both the side view where you can see the length of your wire and the cross-section to help you get the radius of the wire. In addition to drawing the wire, write down the length and radius of the wire and the voltage across the wire. Convert your radius to meters.



Step 2: Neatly show your calculation for the area of the wire's cross-section.

Step 3: Neatly show your calculation for the resistance of your wire.

Step 4: In the space below show the calculation of the current in the wire. Enter your answers into your program to check that you did everything properly