

# AIM Heat Conduction in a Bar - Mesh

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[Problem Specification](#)

[1. Pre-Analysis & Start-Up](#)

[2. Geometry](#)

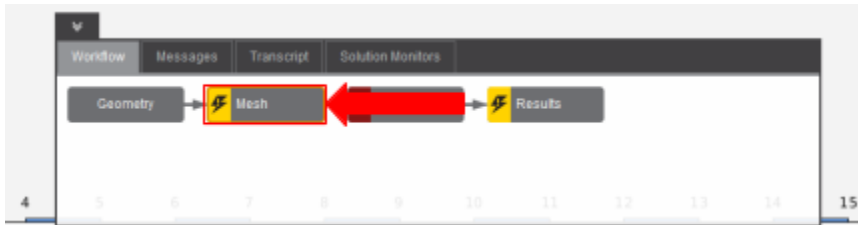
[3. Mesh](#)

[4. Physics Setup](#)

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## Mesh

Once you have exited the modeling window, [initiate the meshing process by clicking on \*\*Mesh\*\* in the workflow.](#)



## Set Mesh Size

Using the **Mesh resolution** slider, we can edit how precise our mesh is for our calculations. [Move the slider all the way to \*\*High\*\*](#) so that we can get the best possible data. [Under \*\*Global Sizing\*\*, select the \*\*Proximity\*\* option for the \*\*Size function method\*\*.](#)

## Generate Mesh

[Click \*\*Generate Mesh\*\*](#) under **Output** or at the top of the screen by the status window for **Mesh**. AIM should detect you are ready to generate the mesh and highlight the buttons in blue.

[Go to Step 4: Physics Setup](#)

[Go to all ANSYS AIM Learning Modules](#)