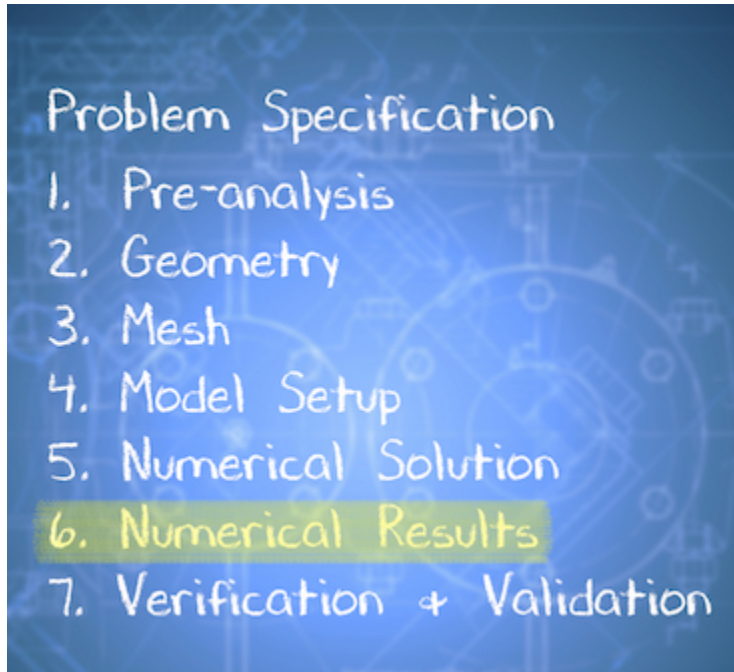


2D Steady Conduction - Numerical Results

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Problem Specification

1. Pre-Analysis
 2. Geometry
 3. Mesh
 4. Model Setup
 5. Numerical Solution
 6. Numerical Results
 7. Verification & Validation
- Exercises
Comments



Temperature Contours

Check your Understanding

Consider the following steps:

1. Invert the stiffness matrix to determine the nodal temperature values.

2. Plot the temperature contours using nodal temperature values.

Steps 1 and 2 take the same amount of time.

Step 1 takes a longer time than step 2.

Step 1 takes a shorter time than step 2.

(To see the answer, go to the *2D Conduction* section of Module 1 in [our free online course on ANSYS simulations](#). You need to sign in to [edX.org](#) to access the course.)

Heat Flux Vectors

Probe Temperature

Temperature Along a Line

[Go to Step 7: Verification & Validation](#)

[Go to all ANSYS Learning Modules](#)