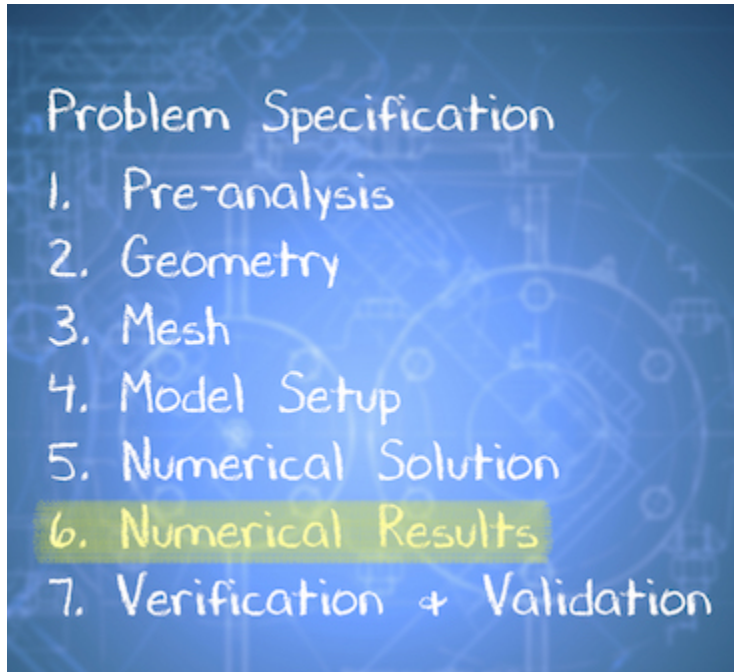


# 2D Steady Conduction - Numerical Results

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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](#)