

Algorithm for T-PROOFS

2 Column

Always write out the proof and identify what is being given. Next, and this is extremely important, draw the picture and label information given (using tick marks) to you onto your drawing. Sometimes you will look at your drawing and be able to see more relationships – that's good, label those! Next, write down what you want to prove. The body of your proof should come directly from the picture you have drawn and labeled and what you were able to add to that with your prior knowledge of math.

1. Write out the statement, label what is given & what has to be proven
2. Draw the picture and label what is given with tick marks
3. Use the drawing to identify other relationships with tick marks
4. 1st step in proof is what is given
5. 2nd step deduce information from the given
6. Use picture's tick mark for next step
7. Last step is what was to be proved