Lesson 8 specific:

Page 8-3. You do not have to model this part. It has been done for you and is on the V:/EG_T_205 drive as lbrack.prt

Simply copy this file to your working directory and open it.

Start this exercise on page 8-4, Creating the Drawing of the L-Bracket.

Page 8-4. The text states “Important: Turn off the option Use Default Template”. You don’t have to do this as it already is de-selected on our system.

Page 8-6. The text states that your view will come in at a scale of 1.0. It probably will not. After you follow the instruction that states “Turn off the datum display and Redraw. Your drawing should look like Figure 7.”, what you want to do is double click the Scale value located in the lower left corner of the drawing area. Set this value to 1.0.

In addition, the text has the tangent lines set to none. While the text does not tell you how to do this you can accomplish this by selecting Tools – Environment and set the Tangent Edges option to No Display.

Page 8-10. Figure 11 will appear as shown below.
Page 8-11. Second paragraph: To get the operation in the text to function (ie flip arrows), you have to hold the left (drag) and right (flip) buttons down at the same time. Another way to flip arrows (Diameter 10 dimension), is to select the dimension, right click and select Flip arrows.

The scale for the isometric view has been dragged off the sheet so it will not print.

Page 8-12. Make your drawing look pretty much exactly as shown below.

![Diagram of a mechanical drawing showing dimensions and annotations.](image)

We need to document what you have done at this point, so:
Skip to page 8-17, Getting Hard Copy of the Drawing.
Before setting the Model tab, make sure you put a check mark in the Include box that is directly under the Label option. This will put your user account name and time stamp on the drawing when printed. If you don’t do this, there is no way to differentiate whose print out belongs to what person.
You do not have to follow the instructions about not having a plotter attached directly (middle of page 8-17).

Make sure you get your hard copy from the printer before continuing as we are going to update the part and the drawing.

Return to page 8-12 and pick up where we left off before plotting.
Page 8-16, after editing the note, re-print your drawing using the instructions given. There will be no need for a “label” on this drawing as you put your name on the drawing as a note. The drawing should appear as shown on the following page.

Page 8-19 & 8-20. You do not have to create the pulley. It has been done for you and is on the V:/EDSGN_100s drive as pulley.prt

Simply copy this file to your working directory and open it.

Start this portion of the exercise on page 8-21, Creating the Drawing.

Page 8-22. When Browsing for a format, select a_horiz_english.frm (You did set access to the pro_e drive before starting up Pro/E didn’t you?) from the list rather than the a.frm specified in the text.

Page 8-28. You do not need to set the radial_pattern_axis_circle option to Yes as this is the default for our system.
Adding Notes with Parameters: Since our system semi-fills in the title block, if you want to make any changes, simply double click on the text region in any area to edit the text itself.

The 30 degree angle was done by following the Creating Dimensions section in the text (Page 8-30).

After finishing this chapter, your drawing should appear as shown below:

Send this to the printer. You do not need (nor want) to include the label as your name is in the title block.

There are no additional exercises to do at the end of this chapter.