

Reverse Engineering Your Mousetrap Racer

Start by hand drawing the necessary views of your mousetrap racer on an A-size sheet of paper. Although you do not have to use drafting tools your sketch must be neat and clear to read. You need a minimum of three views, Front-Top and Right Side. Align your views and label them.

Measure the parts on your racer. Write down these dimensions on your sketch. You need to measure all elements so you can technically drawing parts to the actual size in AutoCAD.

Download the AutoCAD file “**Blank Drawing Template-Inches.dwg**” from the dossin.weebly.com website.

Rename the file with your name on it and save it in **your** Drafting and Engineering Folder.

You will end up plotting this on a B size sheet. Therefore if you plot this at 1:1 scale, label and dimension all your parts using the 1-1 Text and Dimension size. If you plan on using a different scale then be sure to use the appropriate Text and Dimension size settings.

Plot your drawing once you are complete and turn in along with your sketches.

