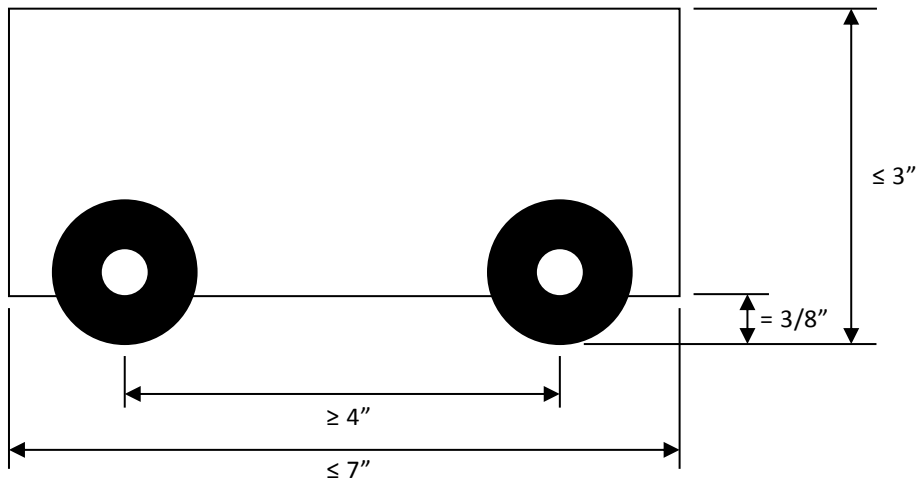
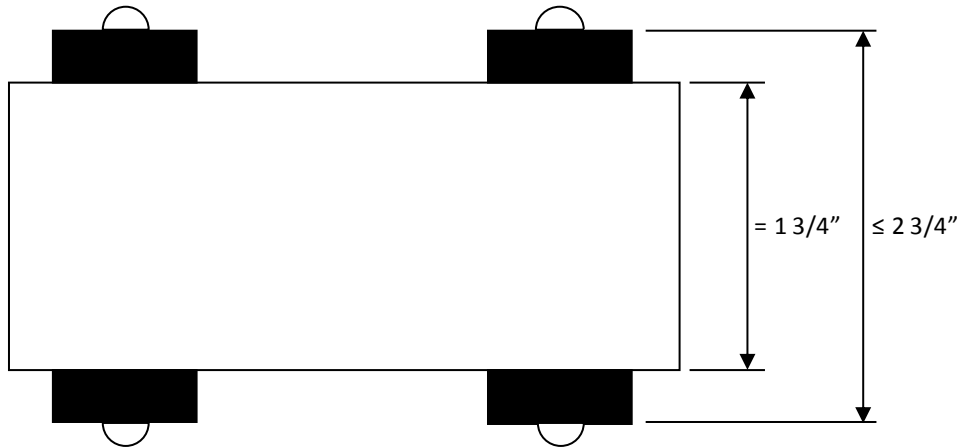


Pinewood Derby Car Project

Using Creo, you are required to design a Pinewood Derby Car. The car must meet the following dimension requirements.

1. The overall length of the car shall not exceed 7 inches.
2. The overall width of the car shall not exceed $2\frac{3}{4}$ inches.
3. The overall height of the car shall not exceed 3 inches.
4. The car must have $1\frac{3}{4}$ " clearance between the wheels.
5. The car must have $\frac{3}{8}$ " clearance underneath the body.
6. The distance between the center of the front and rear wheels must be at least 4 inches.



The following must be submitted by e-mail:

- All part files and the assembly file by e-mail (Parts: Base, axle, and wheel)
- The drawing file of the assembly showing all of the dimensions listed above