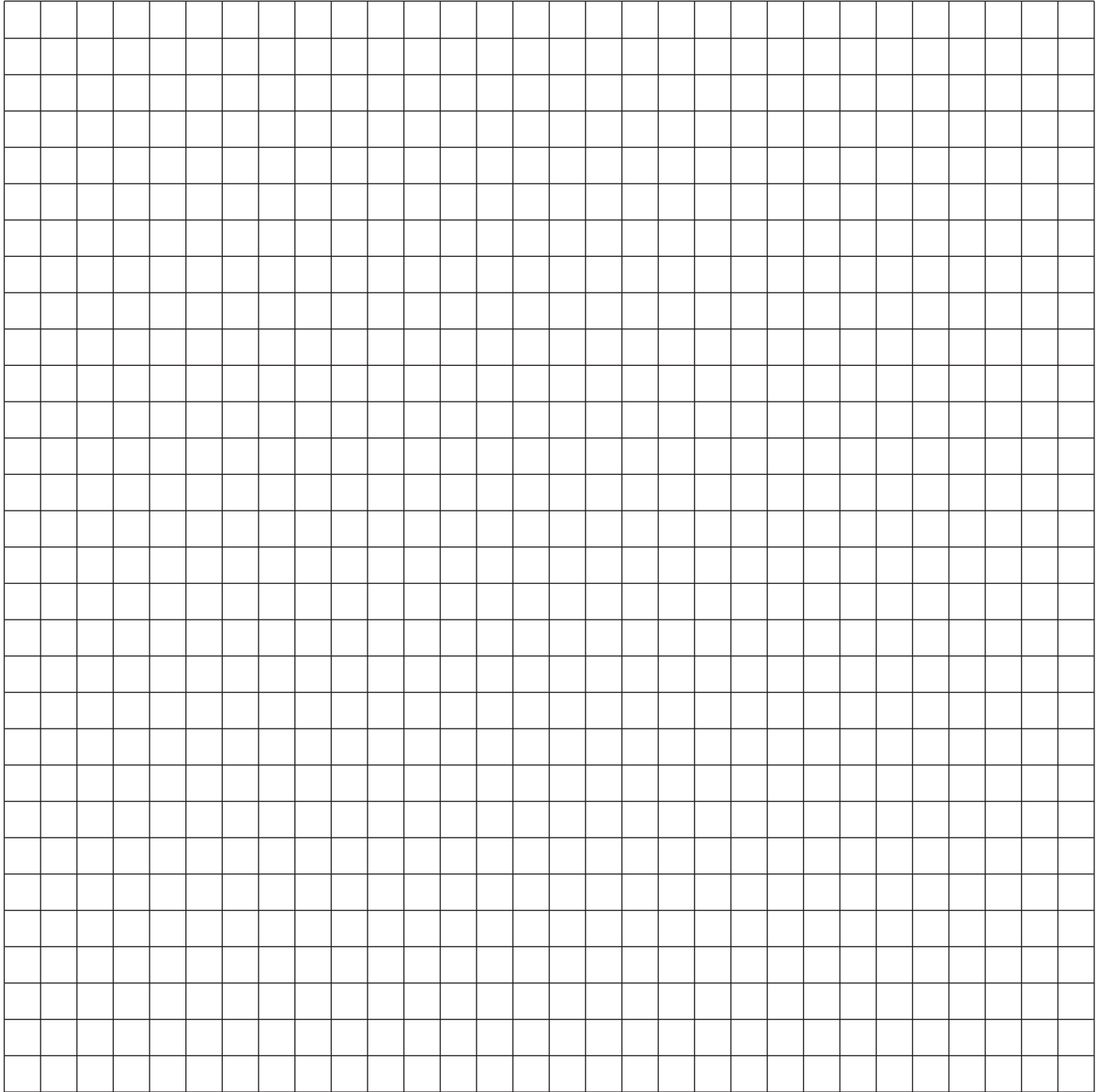


# Egg Elimination Worksheet

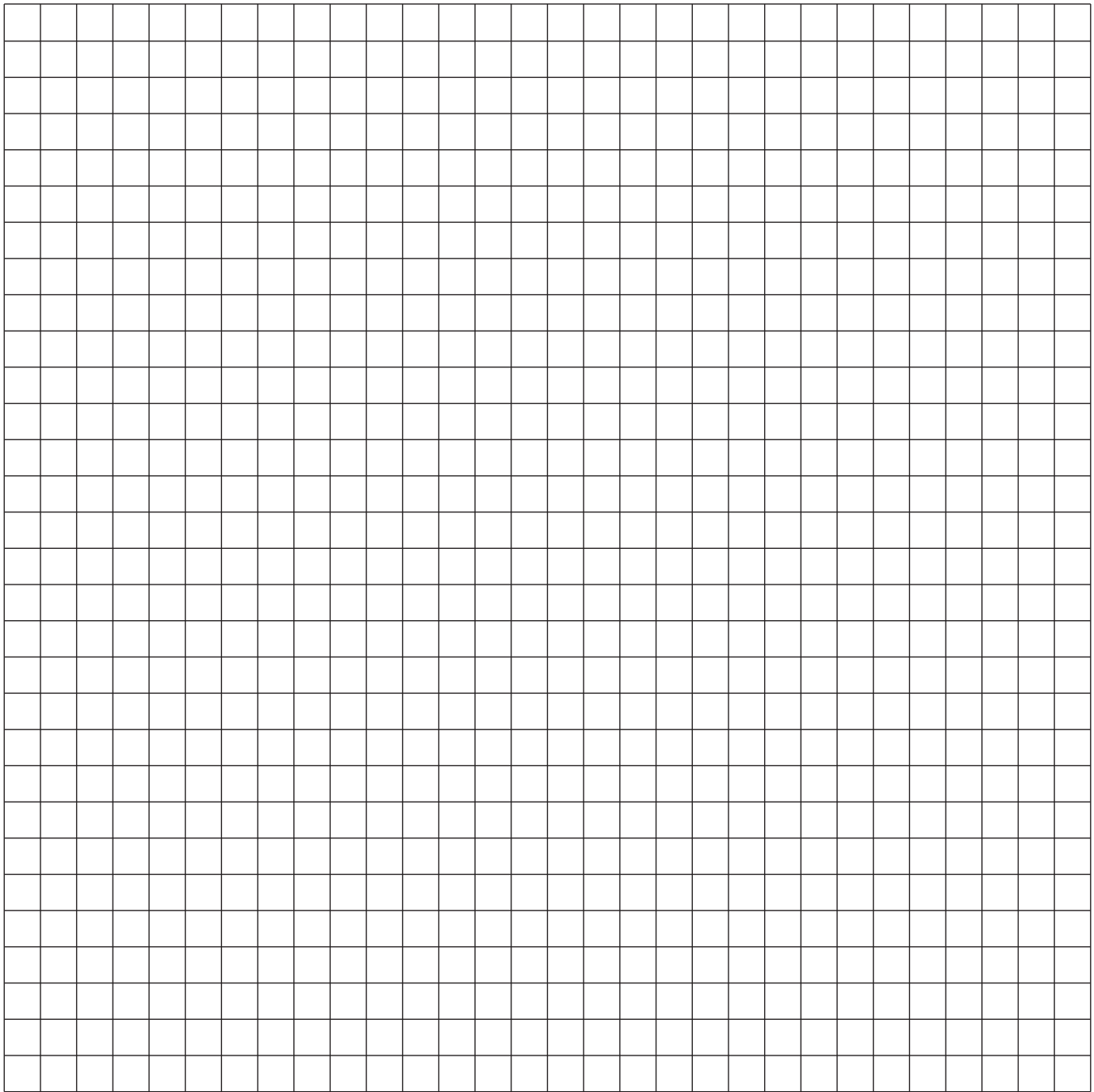
## Scale Drawing

Draw and label the materials used to create your vehicle (1 square = 1 cm).

### Side View



Top View (bird's eye)



## Post-Lab Questions

1. Describe the strategy implemented for the design of your vehicle. Include how the concepts of force, momentum and Newton's laws of motion were incorporated into your design.
2. Describe what happened during the competition. Explain how far you got within the bracket elimination competition and why you won or lost each battle.
3. Explain, in detail, what changes you would make to your design to improve its effectiveness during competition.
4. Discuss the importance of factoring in inertia during the design process of your vehicle.
5. Explain how vehicle air bags are effective in reducing injury during collisions.