

Paper Airplane Tech Specs

Record your paper airplane specs here.

Plane 1 Specifications

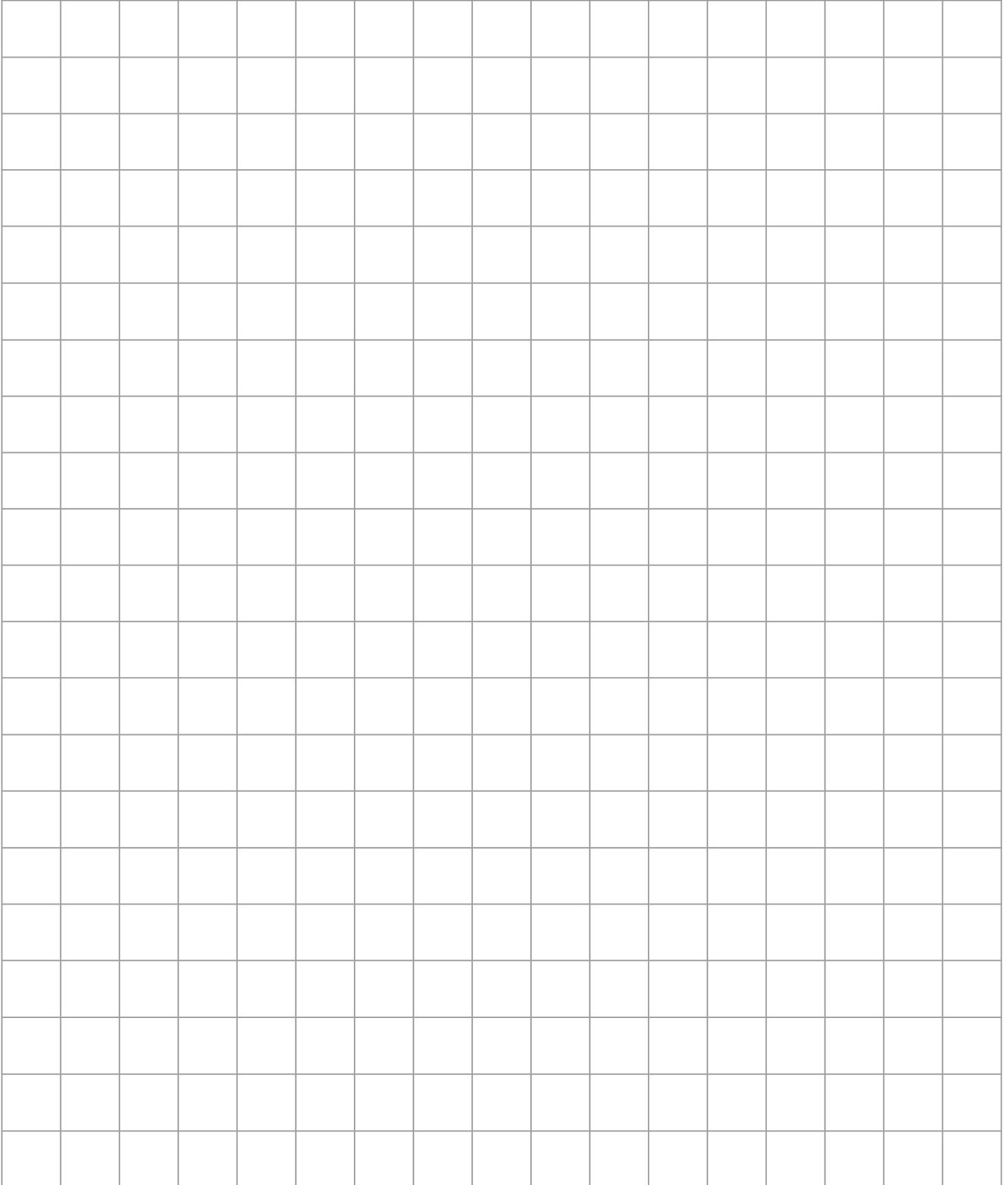
Complete this section after folding your first plane.

Plane length (tip to tail): _____ centimeters

Plane width (wing to wing): _____ centimeters

Schematic diagram:

I made the following design decisions to help the plane fly:



Paper Airplane Tech Specs (Continued)

Plane 1 Flight Data (Trial 1)

- Flight distance: _____ centimeters
- Duration (time) of flight: _____ seconds
- Speed (Speed = Distance ÷ Time): _____ centimeters per second

Plane 1 Flight Data (Trial 2)

- Flight distance: _____ centimeters
- Duration of flight: _____ seconds
- Speed: _____ centimeters per second

Plane 1 Flight Data (Trial 3)

- Flight distance: _____ centimeters
- Duration of flight: _____ seconds
- Speed: _____ centimeters per second

Plane 1 Flight Data (Trial 4)

- Flight distance: _____ centimeters
- Duration of flight: _____ seconds
- Speed: _____ centimeters per second

Plane 1 Average Flight Data of Trials

- Average flight distance: _____ centimeters
- Average duration of flight: _____ seconds
- Average speed: _____ centimeters per second

Paper Airplane Tech Specs (Continued)

Engineering Reflections

1. I liked that _____

2. I was surprised that _____

3. One change I would like to make to my plane is _____

4. I think this change will _____

Plane 2 Specifications

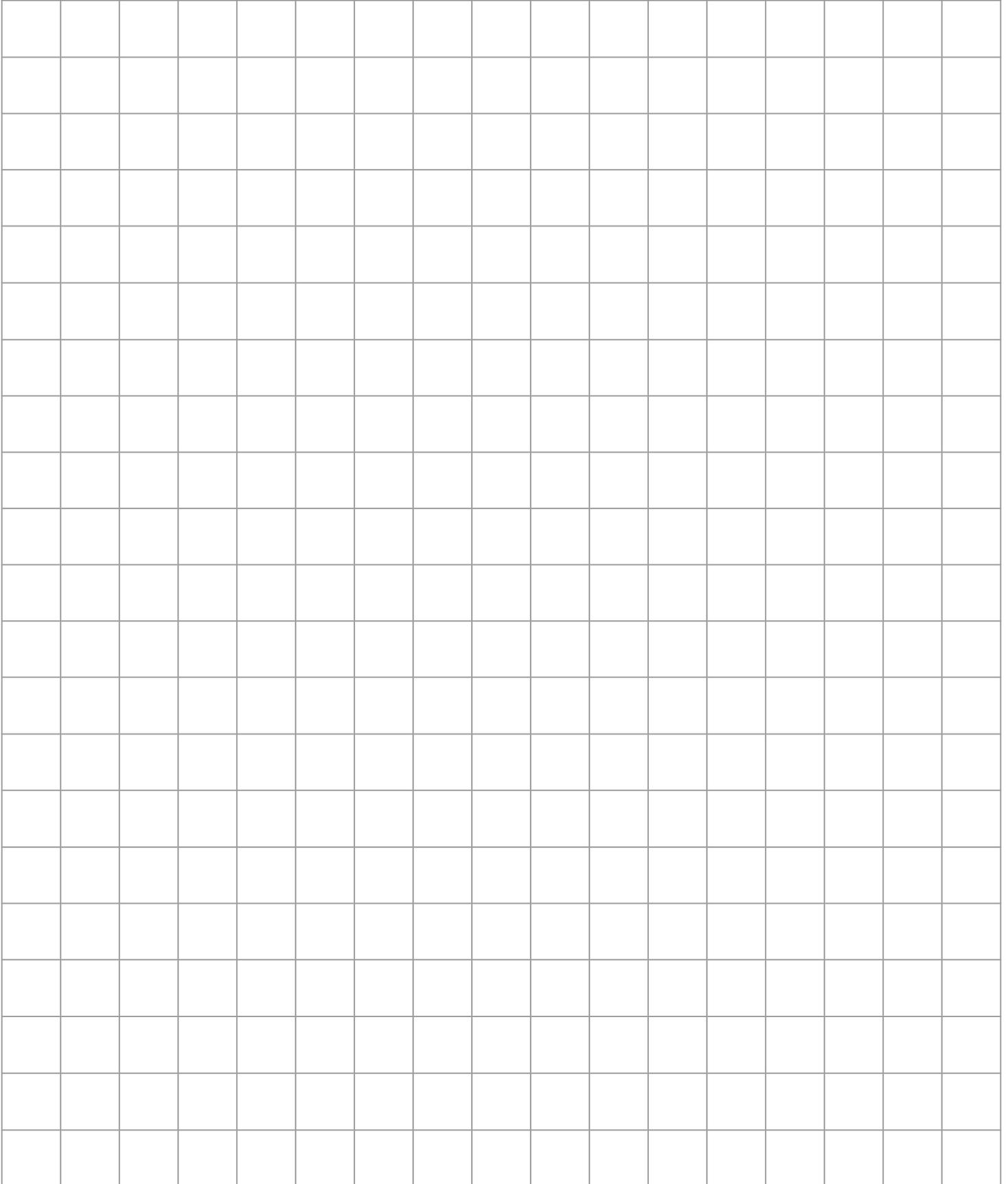
Complete this section after folding your second plane.

Plane length (tip to tail): _____ centimeters

Plane width (wing to wing): _____ centimeters

Schematic diagram:

I made the following design revisions to help the plane fly:



Paper Airplane Tech Specs (Continued)

Plane 2 Flight Data (Trial 1)

- Flight distance: _____ centimeters
- Duration (time) of flight: _____ seconds
- Speed (Speed = Distance ÷ Time): _____ centimeters per second

Plane 2 Flight Data (Trial 2)

- Flight distance: _____ centimeters
- Duration of flight: _____ seconds
- Speed: _____ centimeters per second

Plane 2 Flight Data (Trial 3)

- Flight distance: _____ centimeters
- Duration of flight: _____ seconds
- Speed: _____ centimeters per second

Plane 2 Flight Data (Trial 4)

- Flight distance: _____ centimeters
- Duration of flight: _____ seconds
- Speed: _____ centimeters per second

Plane 2 Average Flight Data of Trials

- Average flight distance: _____ centimeters
- Average duration of flight: _____ seconds
- Average speed: _____ centimeters per second

Paper Airplane Tech Specs (Continued)

Engineering Reflections

1. I noticed that my second plane flew _____

2. I was surprised that the change I made _____

3. If I could change one more thing, I would _____

4. I think this change will _____

Any other notes or comments you might have: