

The Great Metricopter

Directions:

DO NOT TRACE THE METRICOPTER ON THE PAPER! YOU WILL GET IT WRONG!

1) Take out one sheet of lined paper. Use the pink and blue lines on your paper to make sure you're drawing straight lines!

2) Measure and draw a line that is 22 cm long.

3) Draw a line across the top and bottom of the 22 cm line that's 5 cm wide.

4) Complete your rectangular box by connecting the two 5 cm lines.

5) Measure and draw the lines in your rectangle with the dimensions shown in the drawing. Make sure to correctly draw ALL SOLID AND DOTTED LINES.

6) Cut out the rectangular box. Then, only CUT along all SOLID lines shown in the drawing.

7) Fold section "A" towards you (forward) and section "B" away (backwards).

8) Fold section "C" in towards section "D".

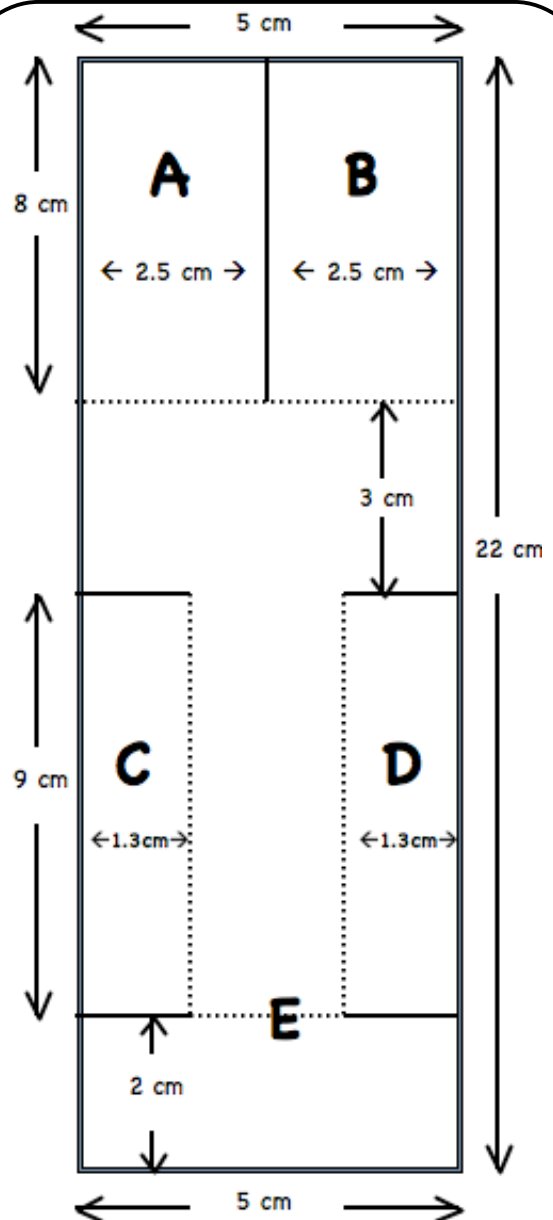
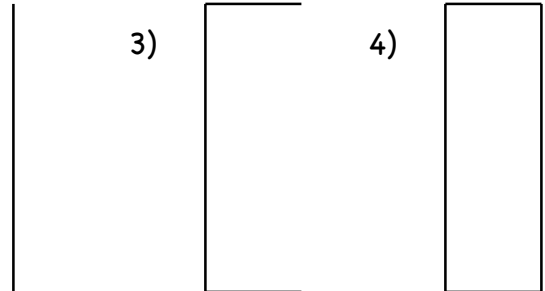
9) Fold section "D" towards section "C". Section "D" will overlap with section "C".

10) After folding "C" and "D", fold up at line "E".

2)

3)

4)



- 11) Your finished product should look like the drawing below.
- 12) Write your name and period on the Metricopter wings.
- 13) Test your Metricopter by dropping it while standing on a chair. See the sketch below to see where to hold the Metricopter when dropping it.
- 14) Race your lab partner with his/her Metricopter. The winning Metricopter will fall the SLOWEST to the ground.

