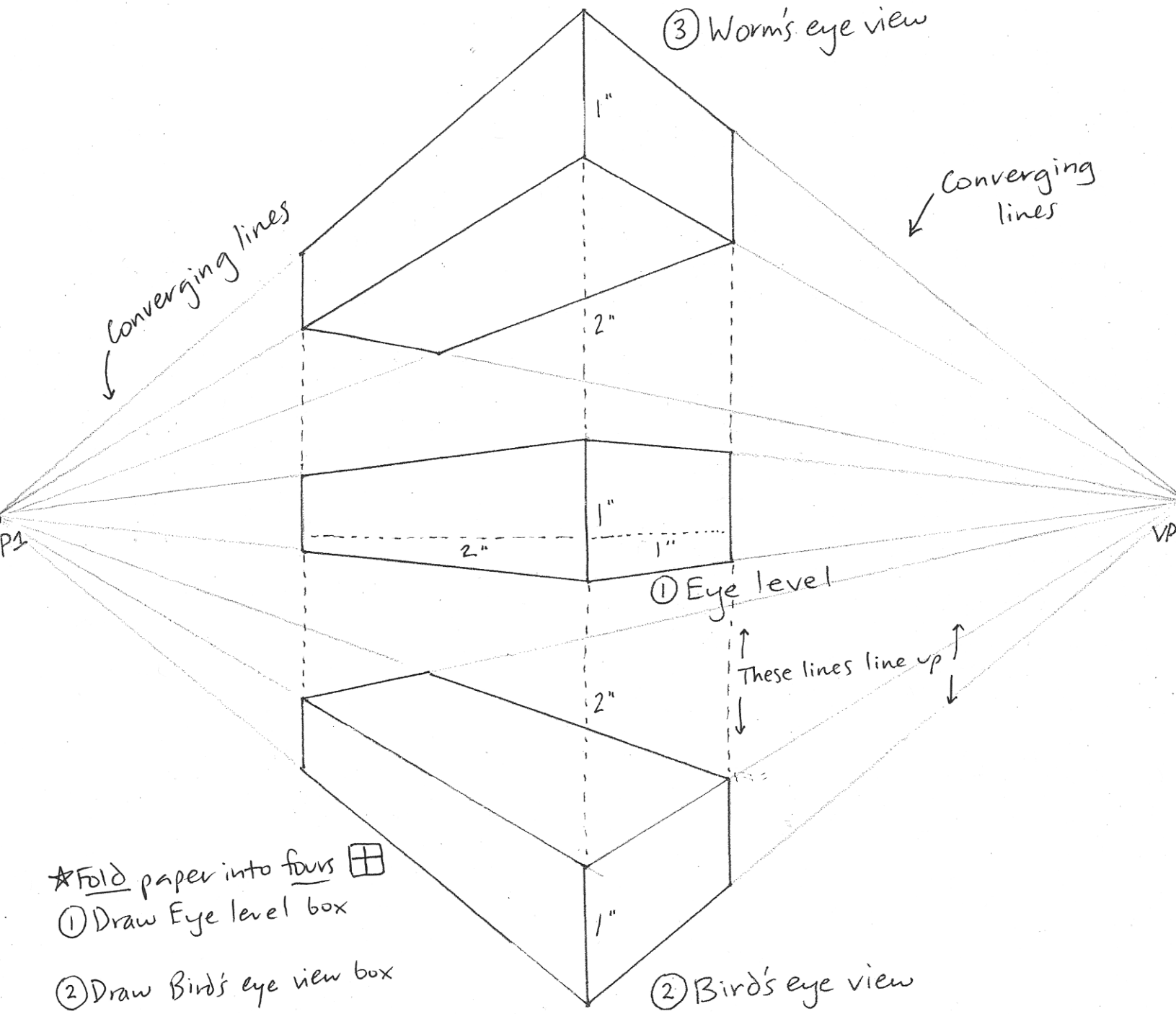


Linear Perspective Drawing Tutorials

Materials needed:

- pencil
- eraser
- ruler (at least 12 inches long)
- white 8.5" x 11" paper

VP = vanishing point



(3) Worm's eye view


Converging lines

Converging lines

(1) Eye level

These lines line up

(2) Bird's eye view

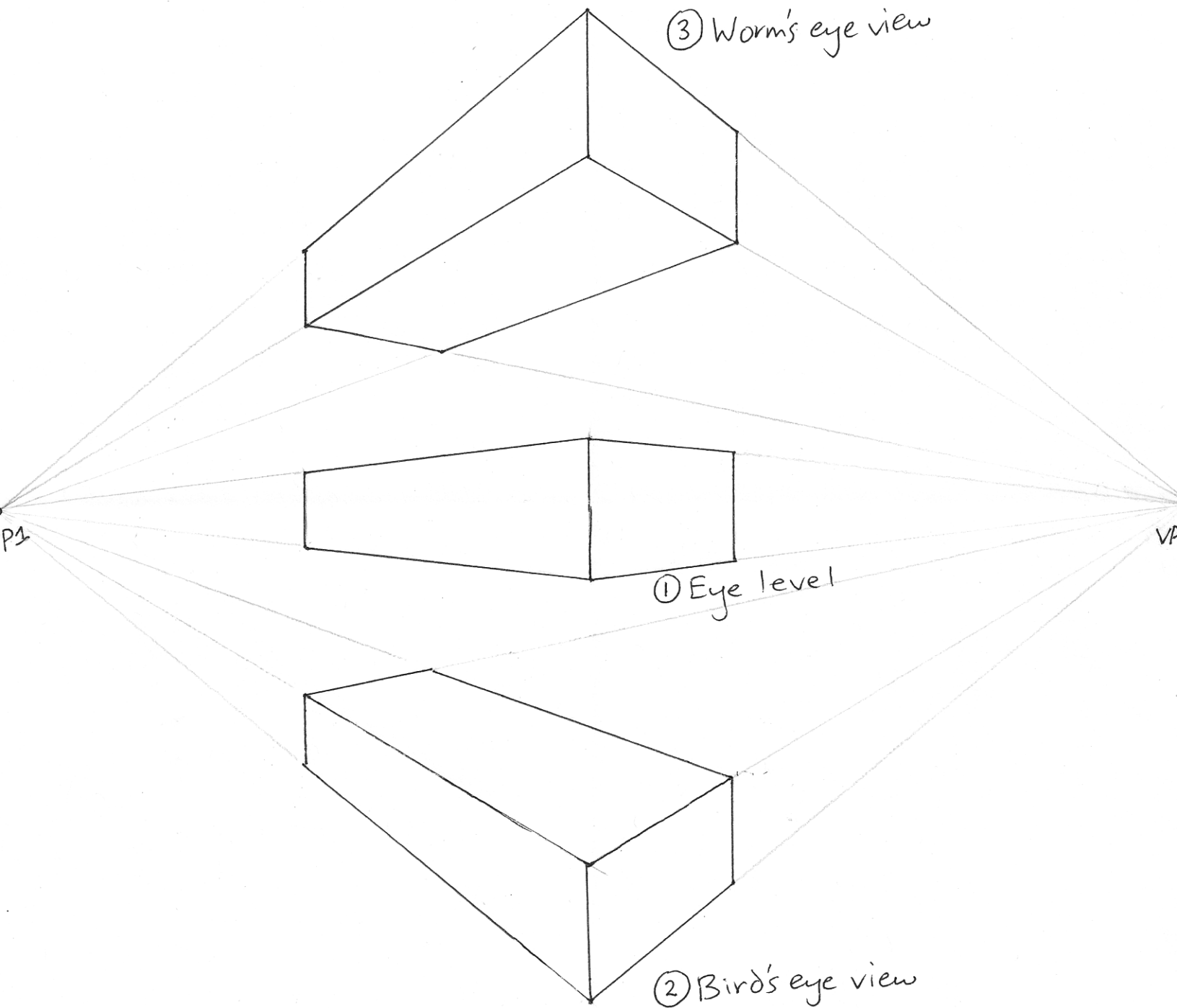
*Fold paper into fours 

(1) Draw Eye level box

(2) Draw Bird's eye view box

(3) Draw Worm's eye view box

VP=vanishing point



1. Worm's eye view, Bird's eye view, Eye level boxes

from original)

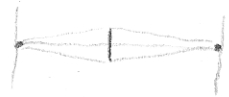
• Fold paper into fours.



• Using the paper in the portrait-style, draw two vanishing points - one on the left and right of the horizontal fold.

• In the middle of the paper, draw a 1 inch vertical line along the fold.

• On the top and bottom of this line, draw lines that meet at both vanishing point. Use a ruler.



• From the middle line, measure 2 inches to the left. Draw a horizontal line that fits between the diagonal lines. Measure 2 inch to the right of the middle line and repeat. Use a ruler.

• Measure 2.5 inches from the bottom of the middle line and draw a 1 inch line. This will become a box in Bird's eye view.

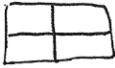
• Repeat process. When left and right edges are drawn, draw diagonal lines to each VP from the top of each vertical line.

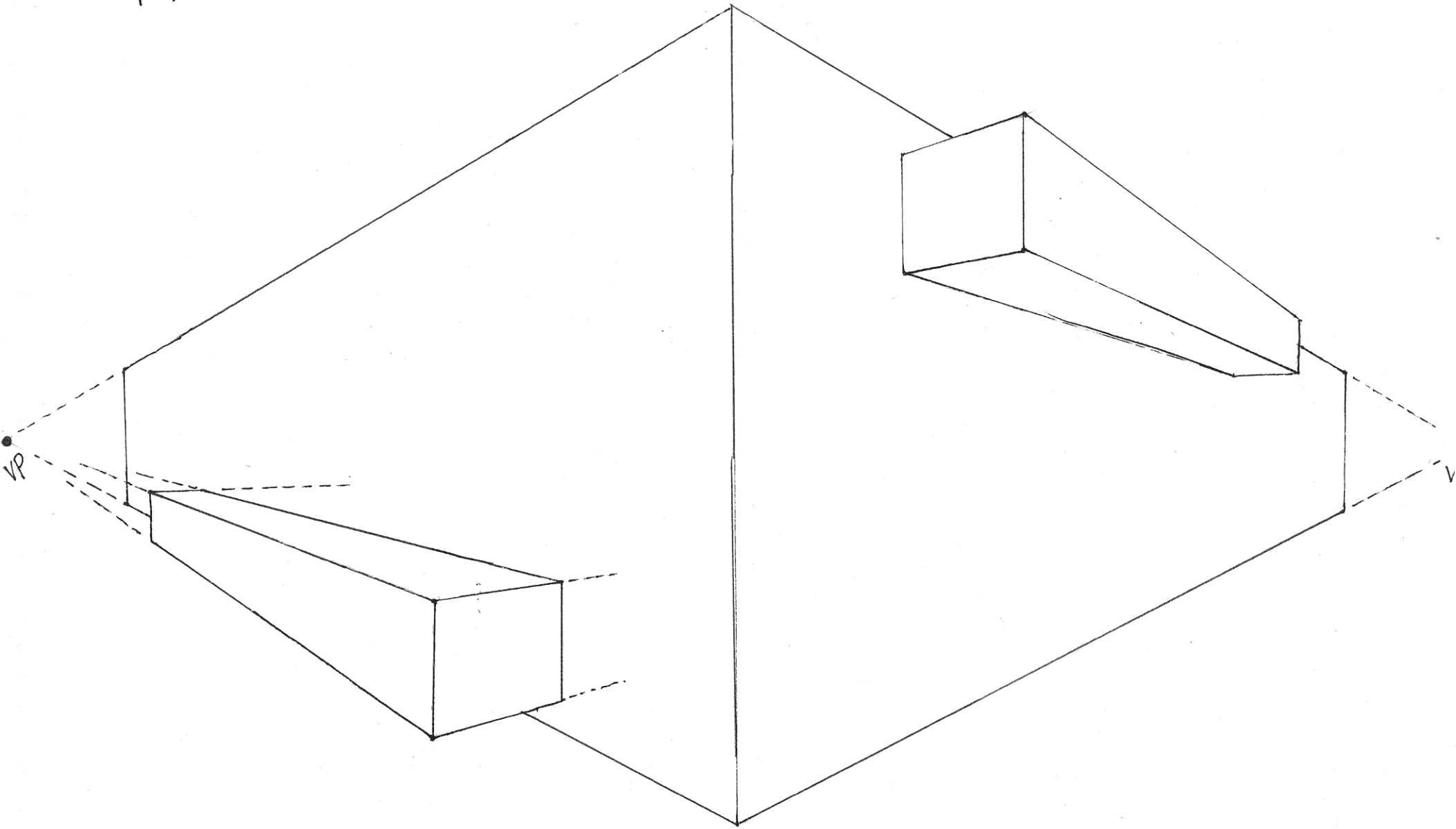


• Repeat steps to draw a box above the middle one, which will be in Worm's eye view.

Connect 2 Boxes

Name 2

*Fold paper into fours first! 



v. 14/15

Connect 2 Boxes

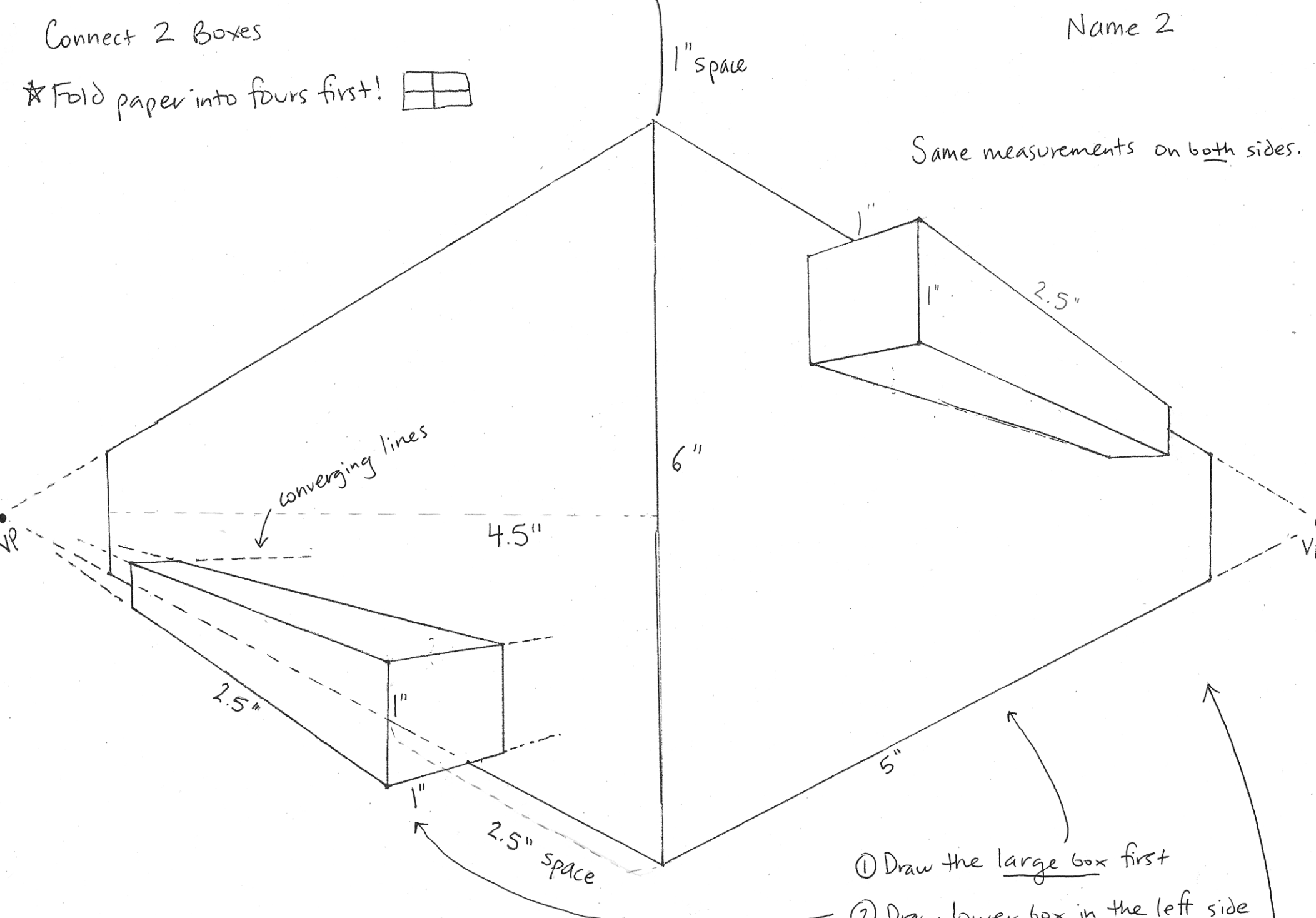
Name 2

*Fold paper into fours first!



1" space


Same measurements on both sides.

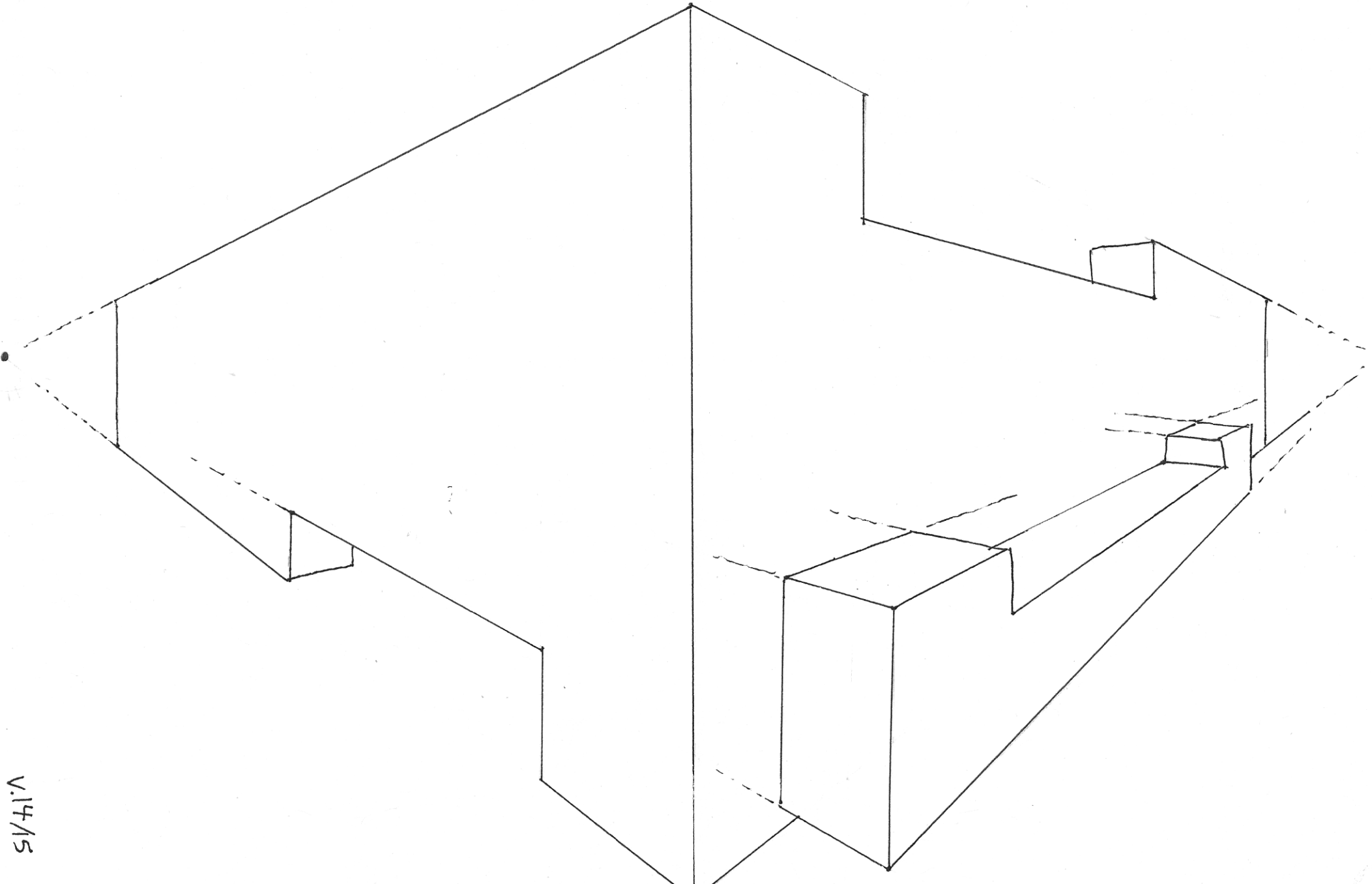


- ① Draw the large box first
- ② Draw lower box in the left side
- ③ Draw upper box in the right side

Subtracted boxes

Name 3


*Fold paper into four! 



v.14/15

Subtracted boxes

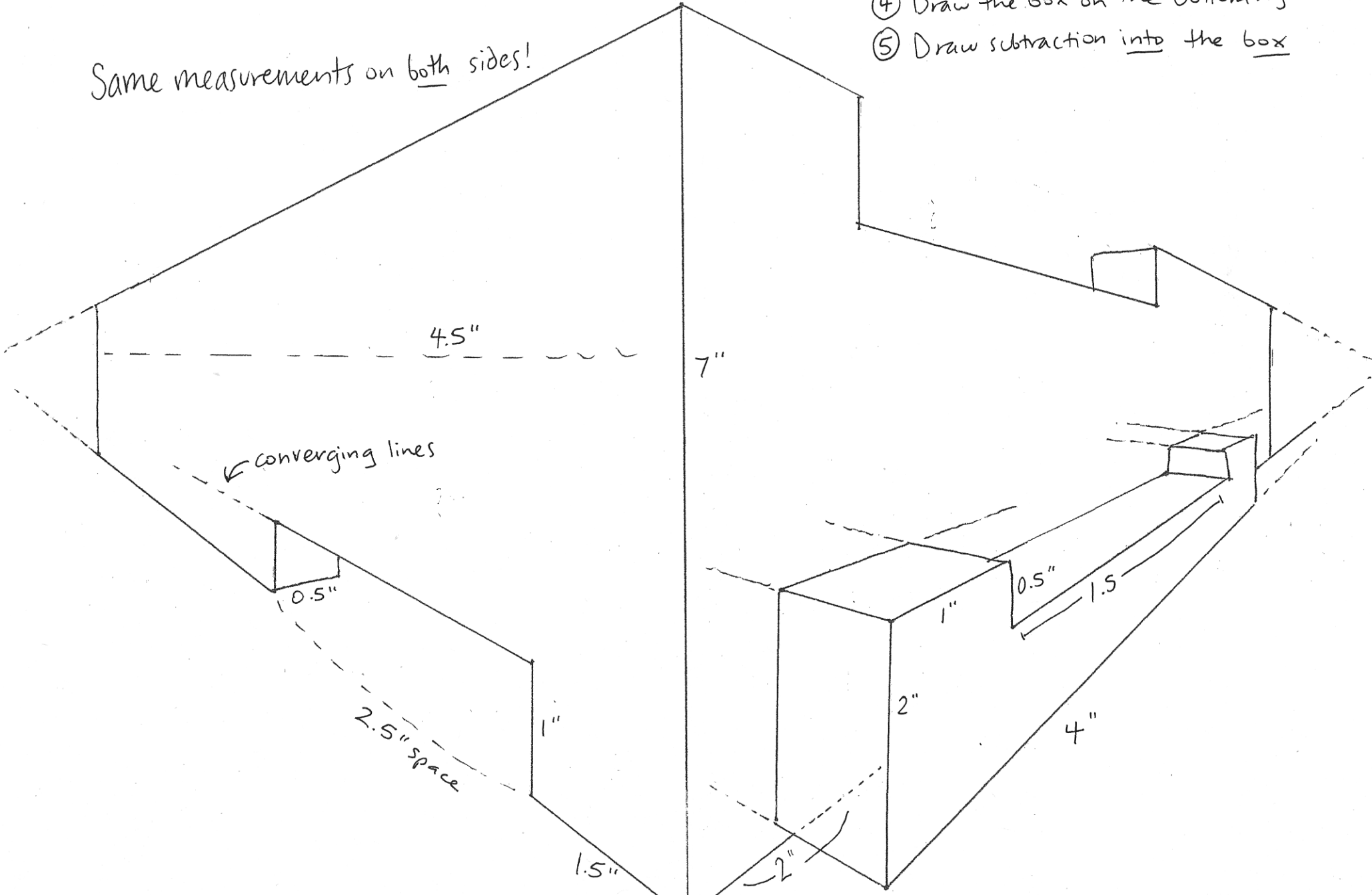
Name 3

★ Fold paper into four! 

1.5" space

- ① Draw the large box first
- ② Draw subtraction on left side
- ③ Draw subtraction on top right side
- ④ Draw the box on the bottom right side
- ⑤ Draw subtraction into the box

Same measurements on both sides!



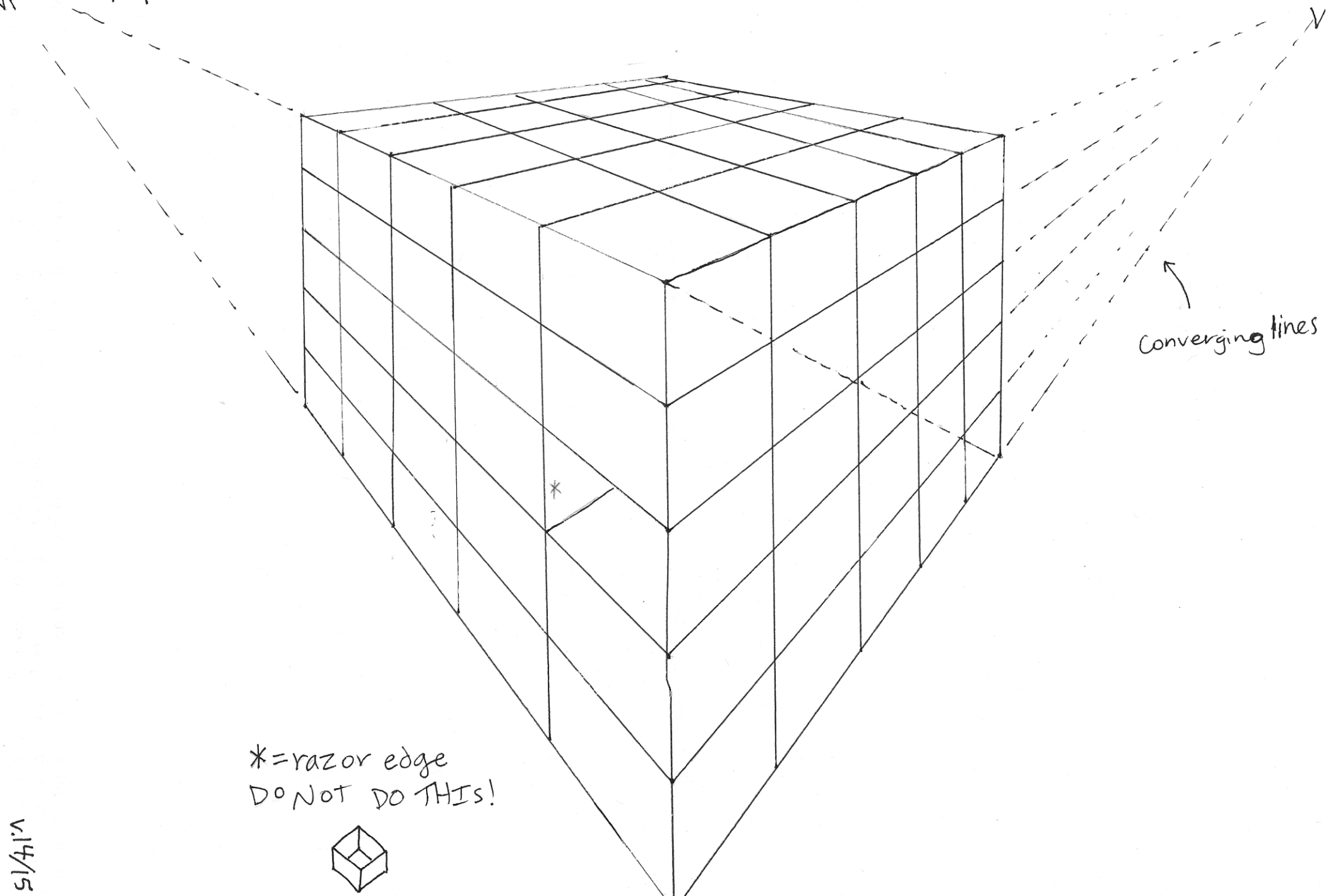
Box with checkers

Name 4

Horizon line

All converging lines go to VPs.

* Fold paper in half ONLY.



Converging lines

* = razor edge
DO NOT DO THIS!



v.14/15

Box with checkers

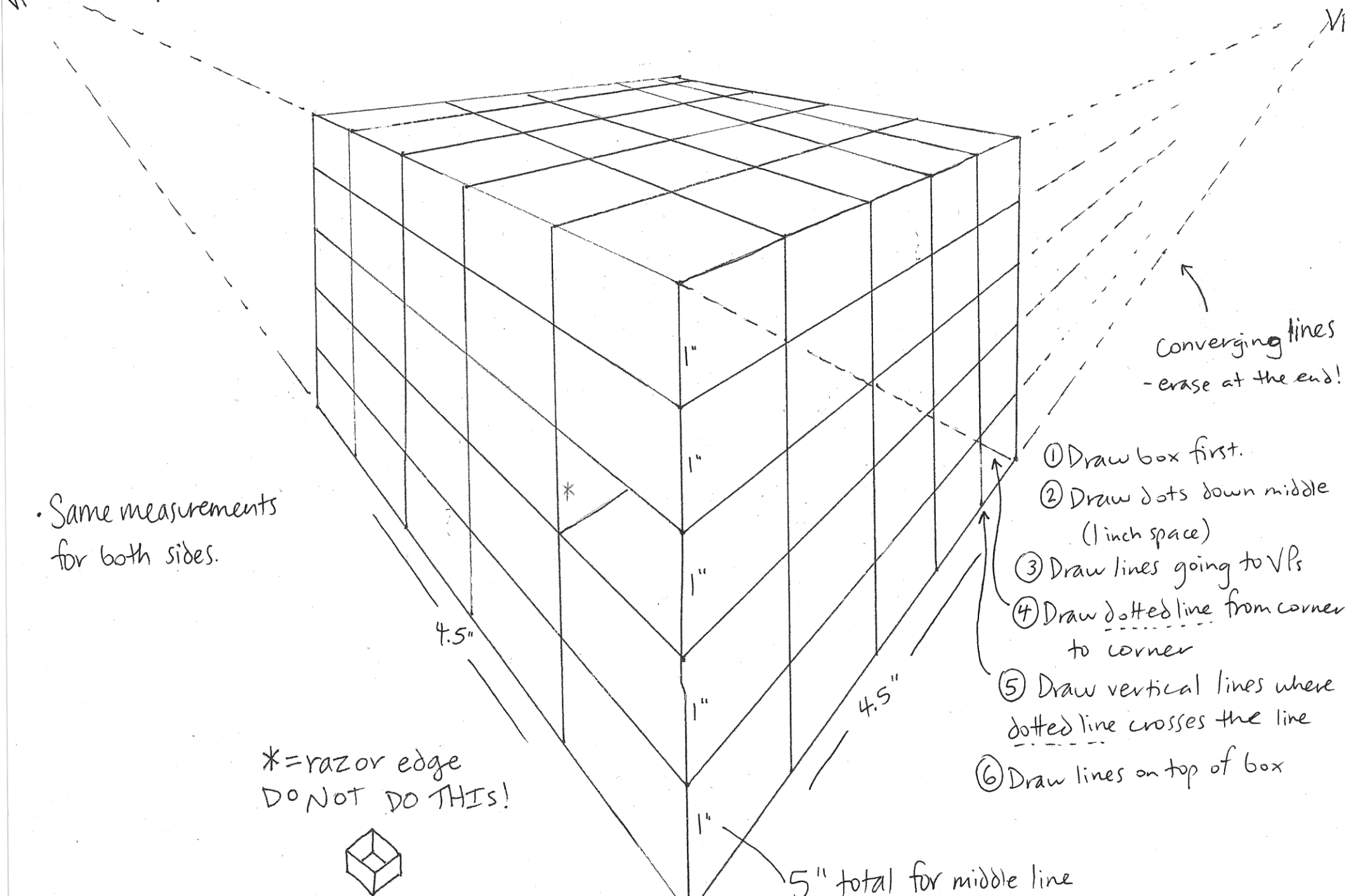
Name 4

VP ★ Fold paper in half ONLY.

1" space

Horizon line

All converging lines go to VPs.



• Same measurements for both sides.


Converging lines - erase at the end!

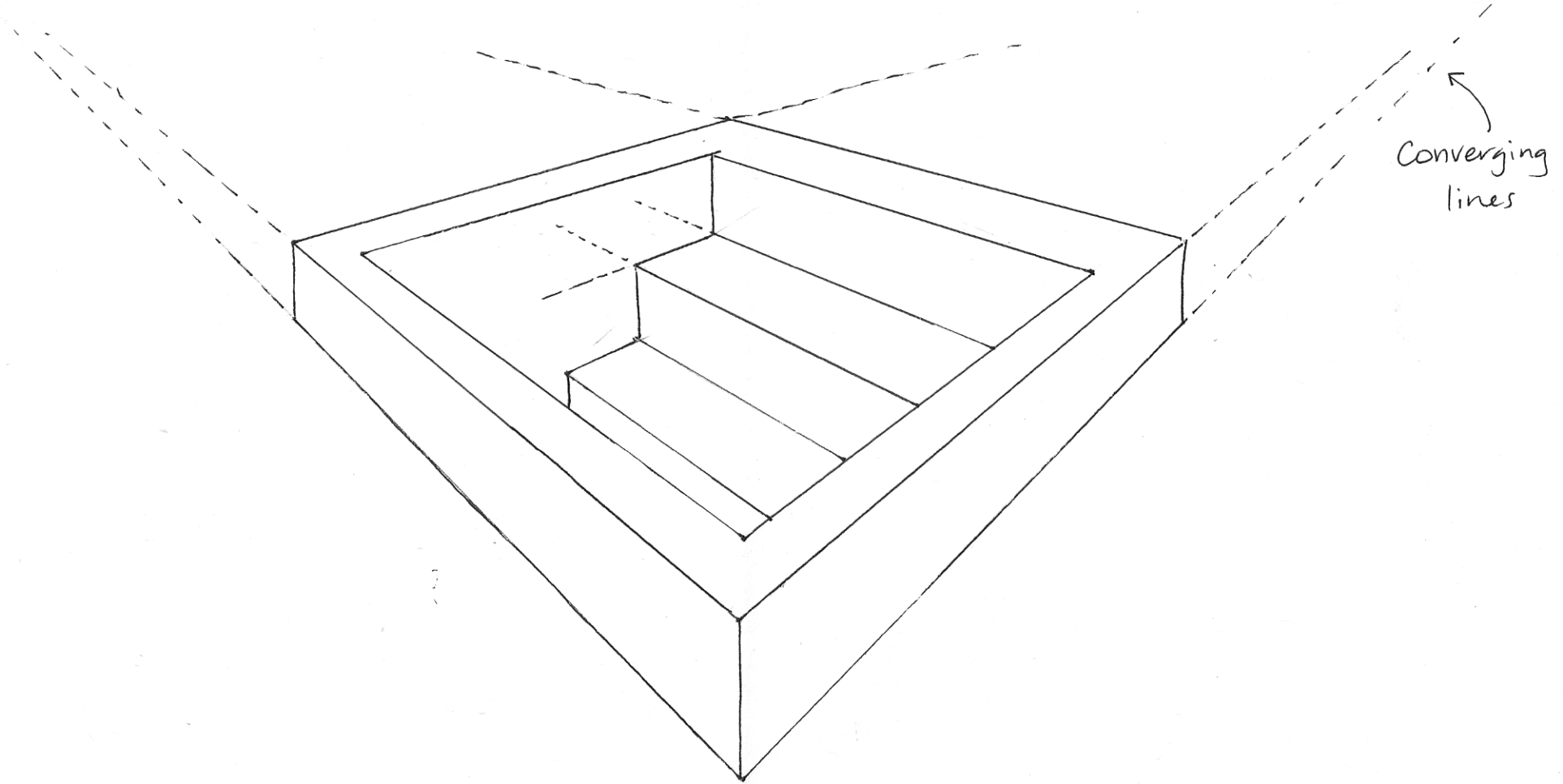
- ① Draw box first.
- ② Draw dots down middle (1 inch space)
- ③ Draw lines going to VPs
- ④ Draw dotted line from corner to corner
- ⑤ Draw vertical lines where dotted line crosses the line
- ⑥ Draw lines on top of box

* = razor edge DO NOT DO THIS!



5" total for middle line


*Fold paper in half first! 

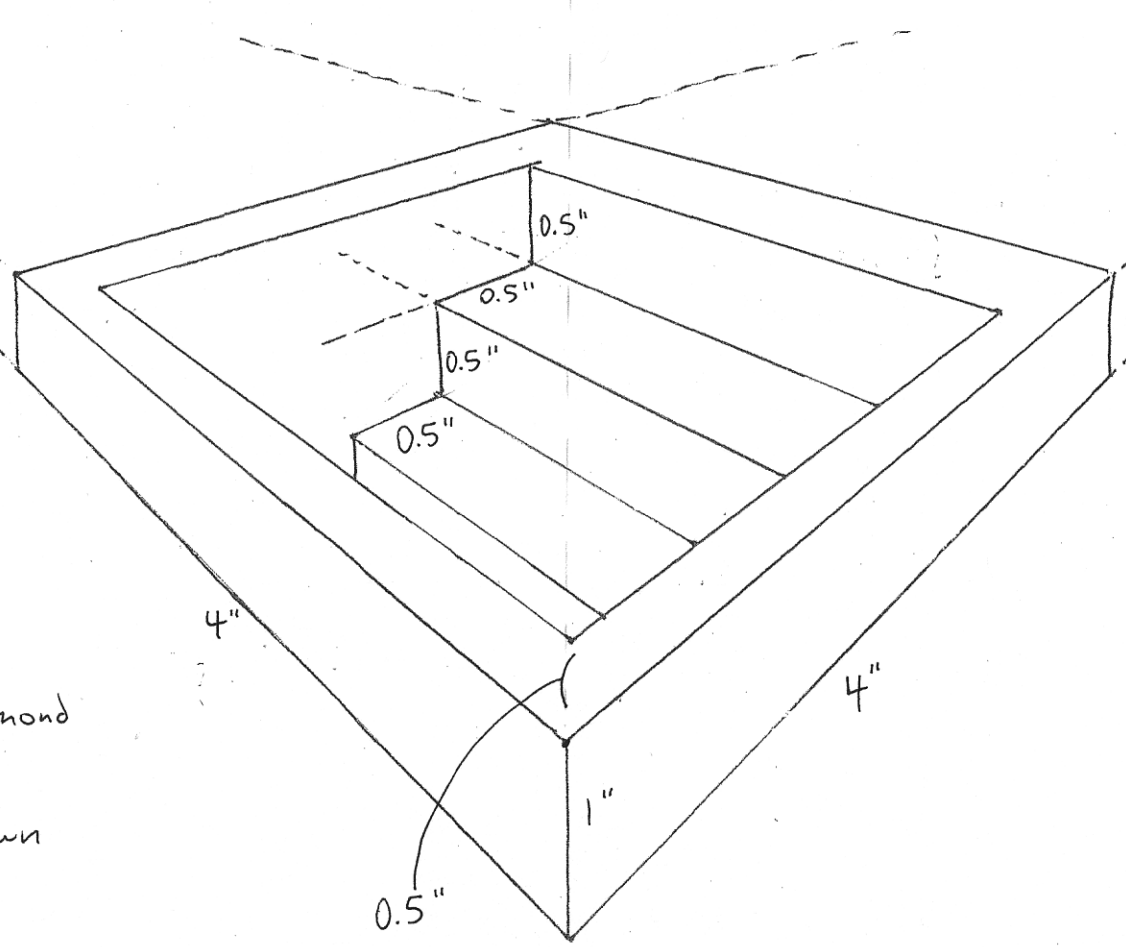


1" space


← 4.5" space

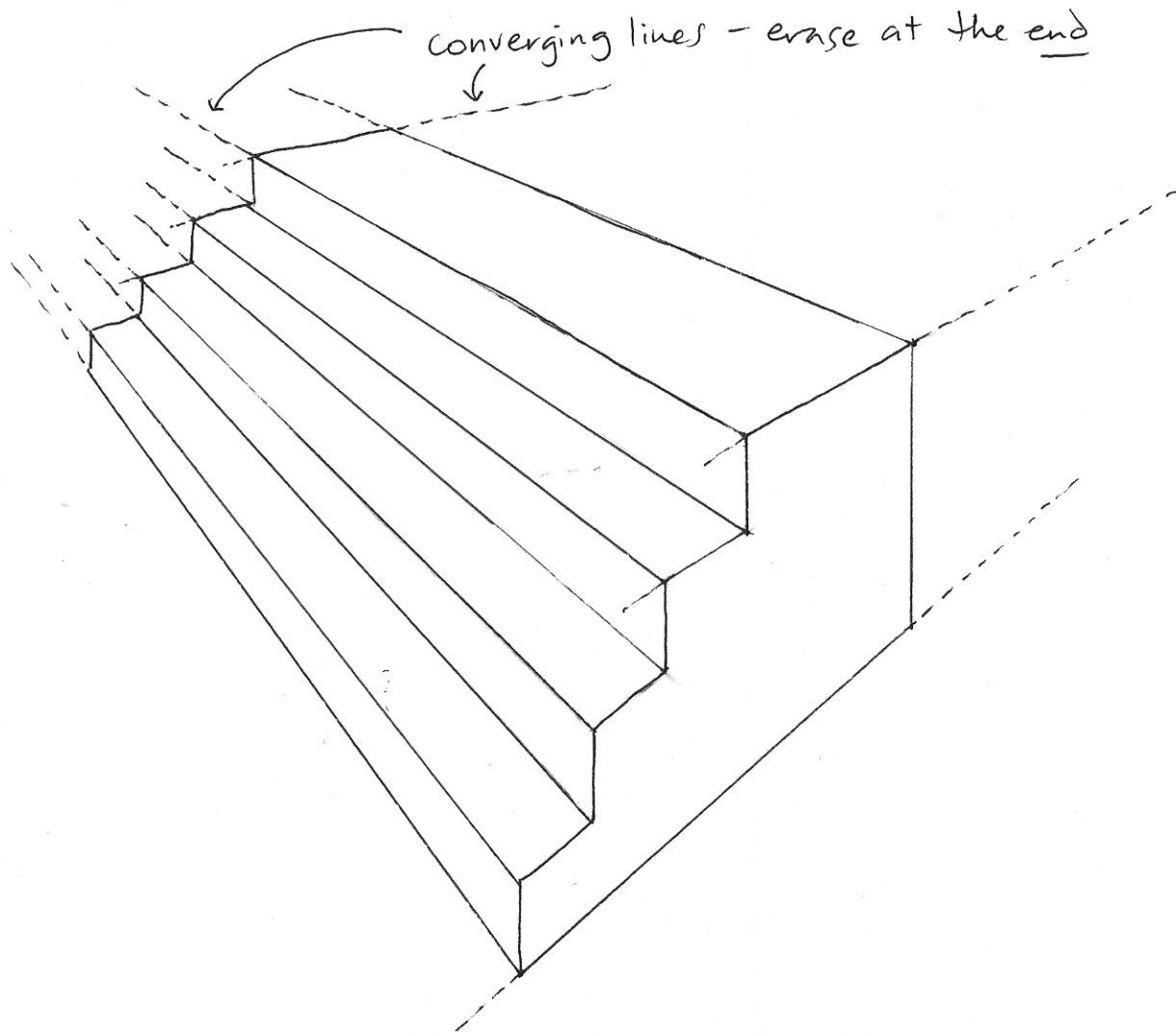
Converging lines
erase at the end!

*Fold paper in half first! 



- ① Draw the box first
- ② Draw the square/diamond on top
- ③ Draw stairs going down (0.5" each)


*Fold paper in half. 

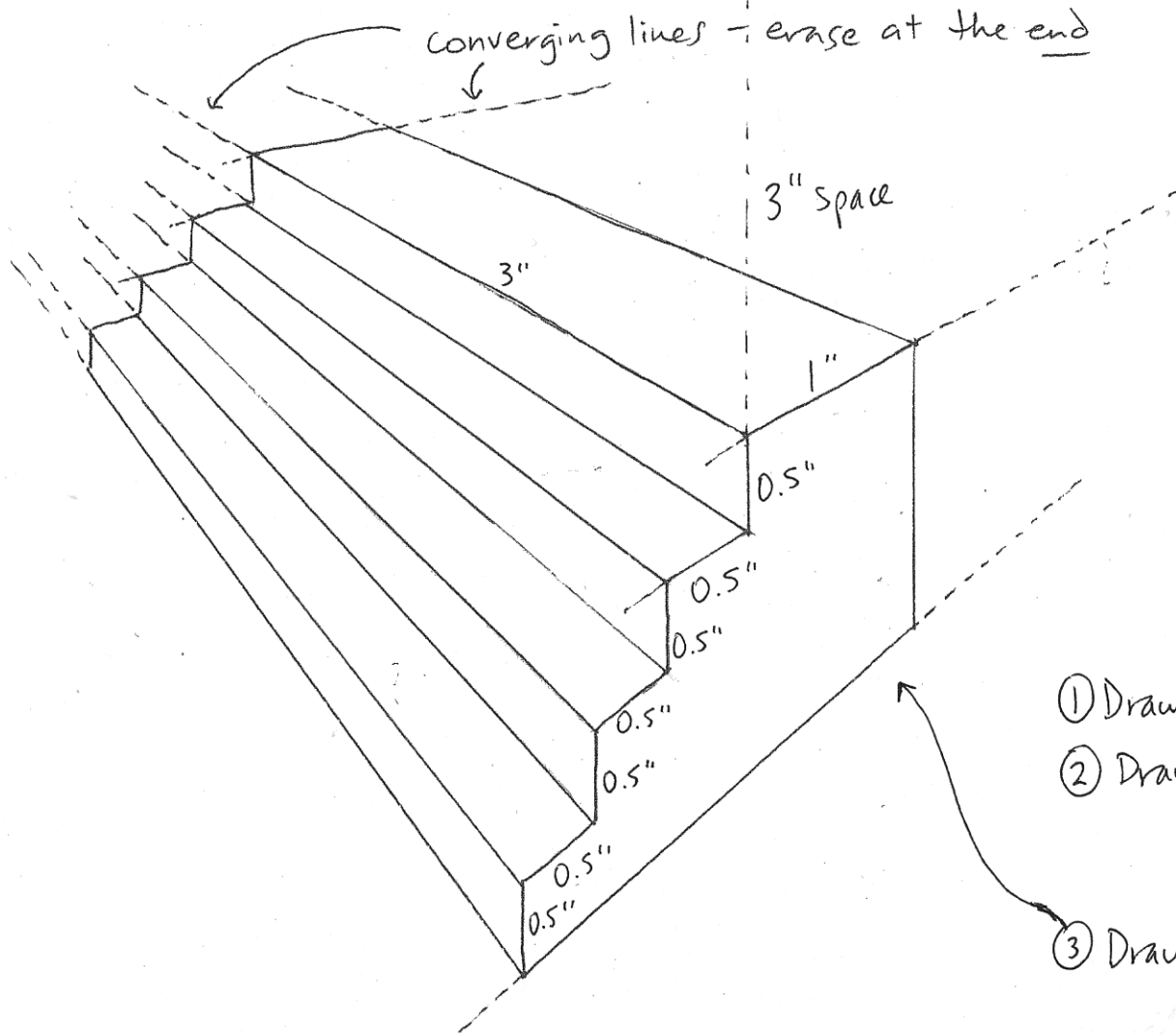


Stairs going down

Name 6

1" space

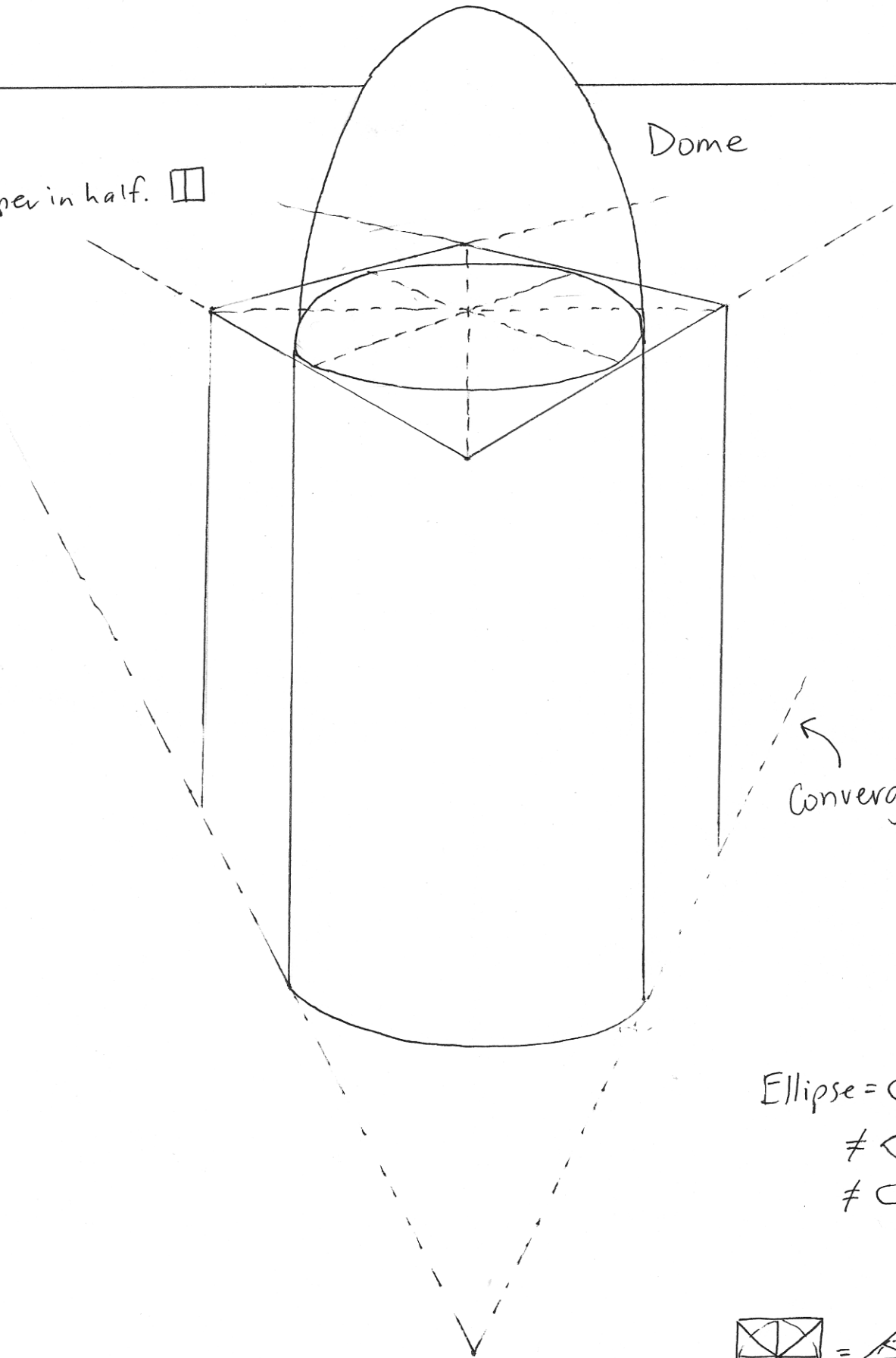
*Fold paper in half. 




- ① Draw the top of the stairs first
- ② Draw stairs going down
0.5" space each
4 levels
- ③ Draw right side of the stairs

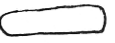
★ Fold paper in half. □

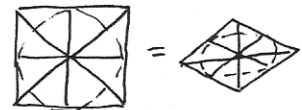
Dome





Ellipse =  ✓

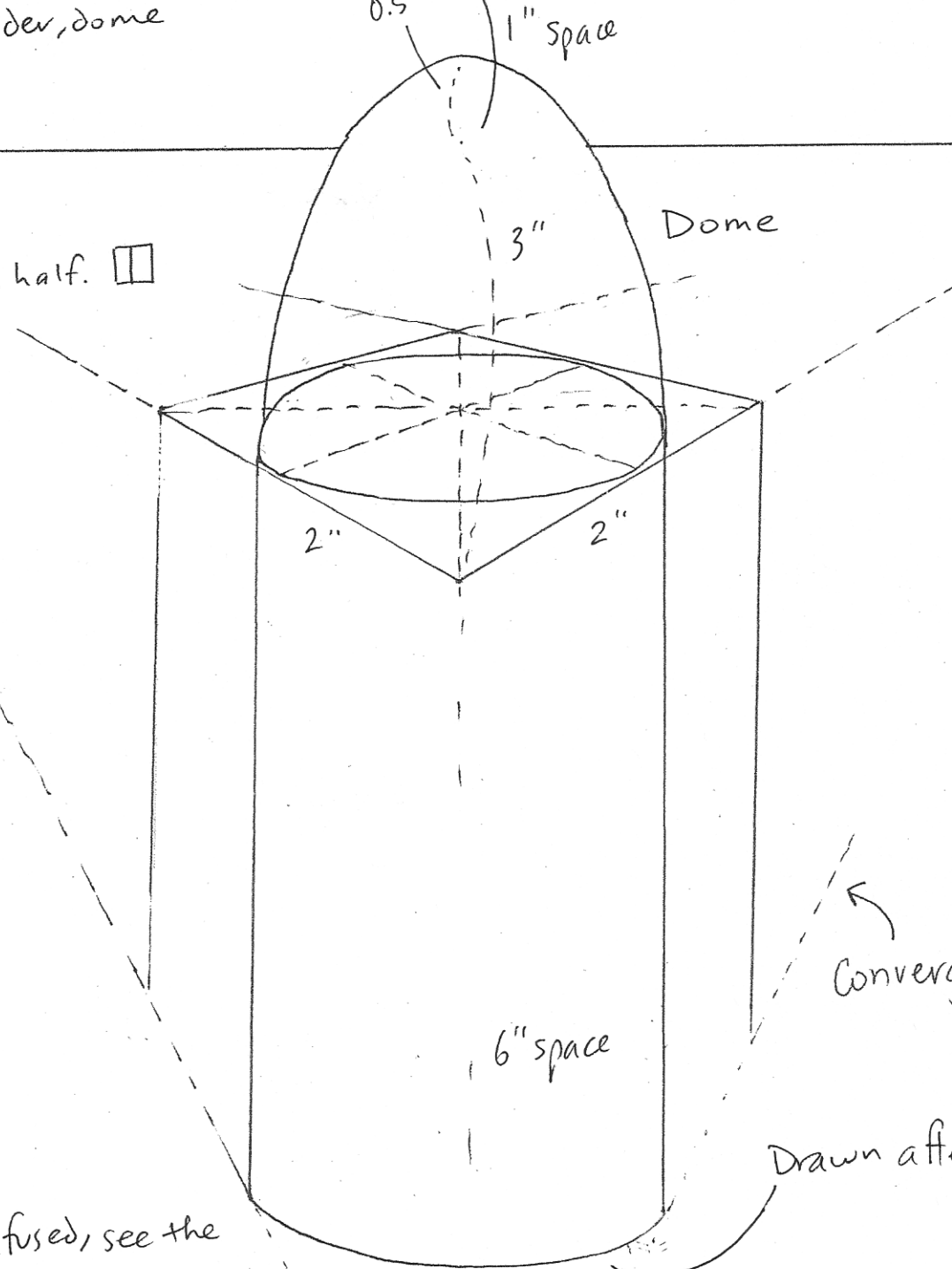
≠  ×

≠  ×



Cylinder = 

* Fold paper in half. 



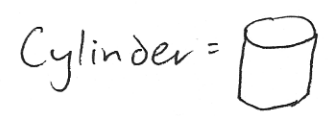
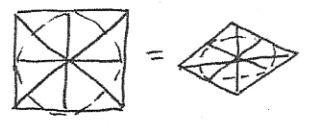
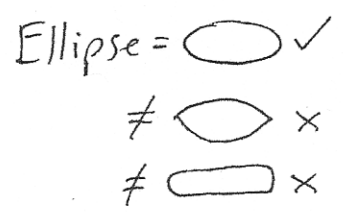
Converging lines

Drawn after ellipse.

* If you are confused, see the teacher for help.

- ① Draw the corners first and top of the box.
- ② Draw the ellipse → free hand
- ③ Draw the curve on the bottom (cylinder)
- ④ Draw the curve on the top (dome)

Both sides should be symmetrical.

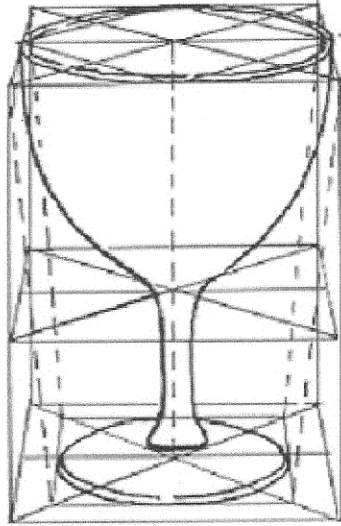
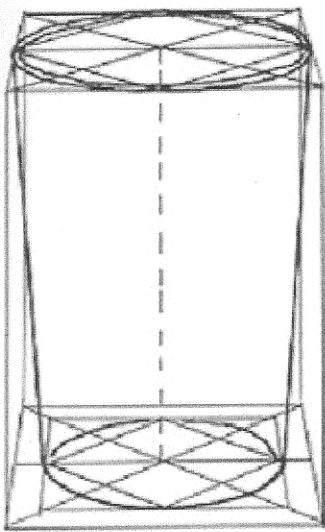


Ellipses & Cylinders

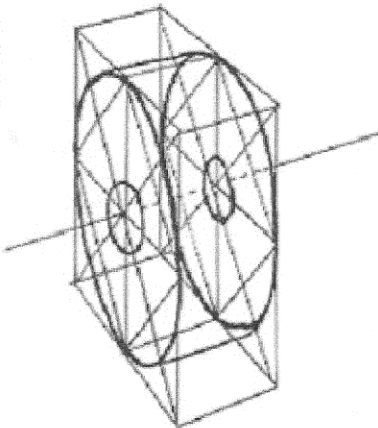
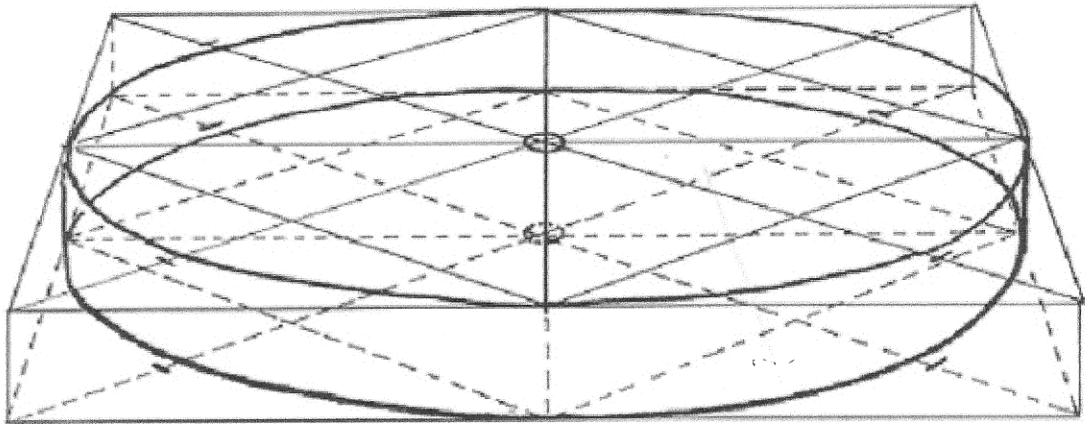
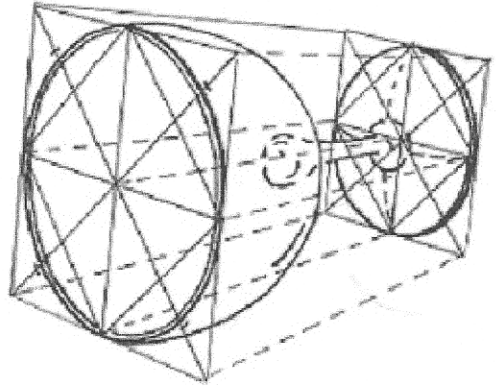
THE BLOCK APPLIED TO ROUND OBJECTS

The circle and the block can be applied in drawing many different objects. If you can draw the block in perspective, you can draw almost


any object in any position within your subject. Draw the block to equal the height, width, and depth of the form.

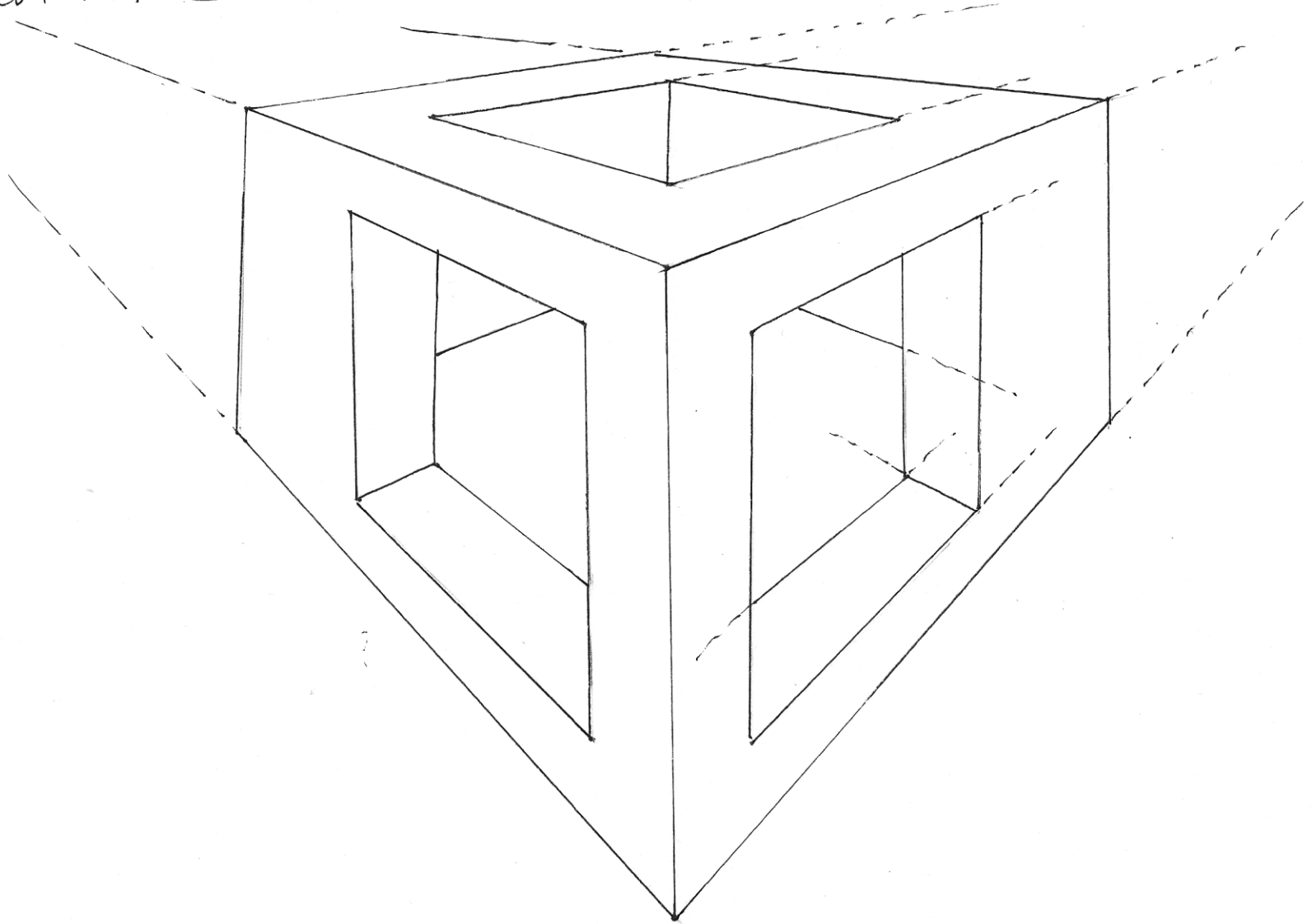



Draw the ellipses freehand

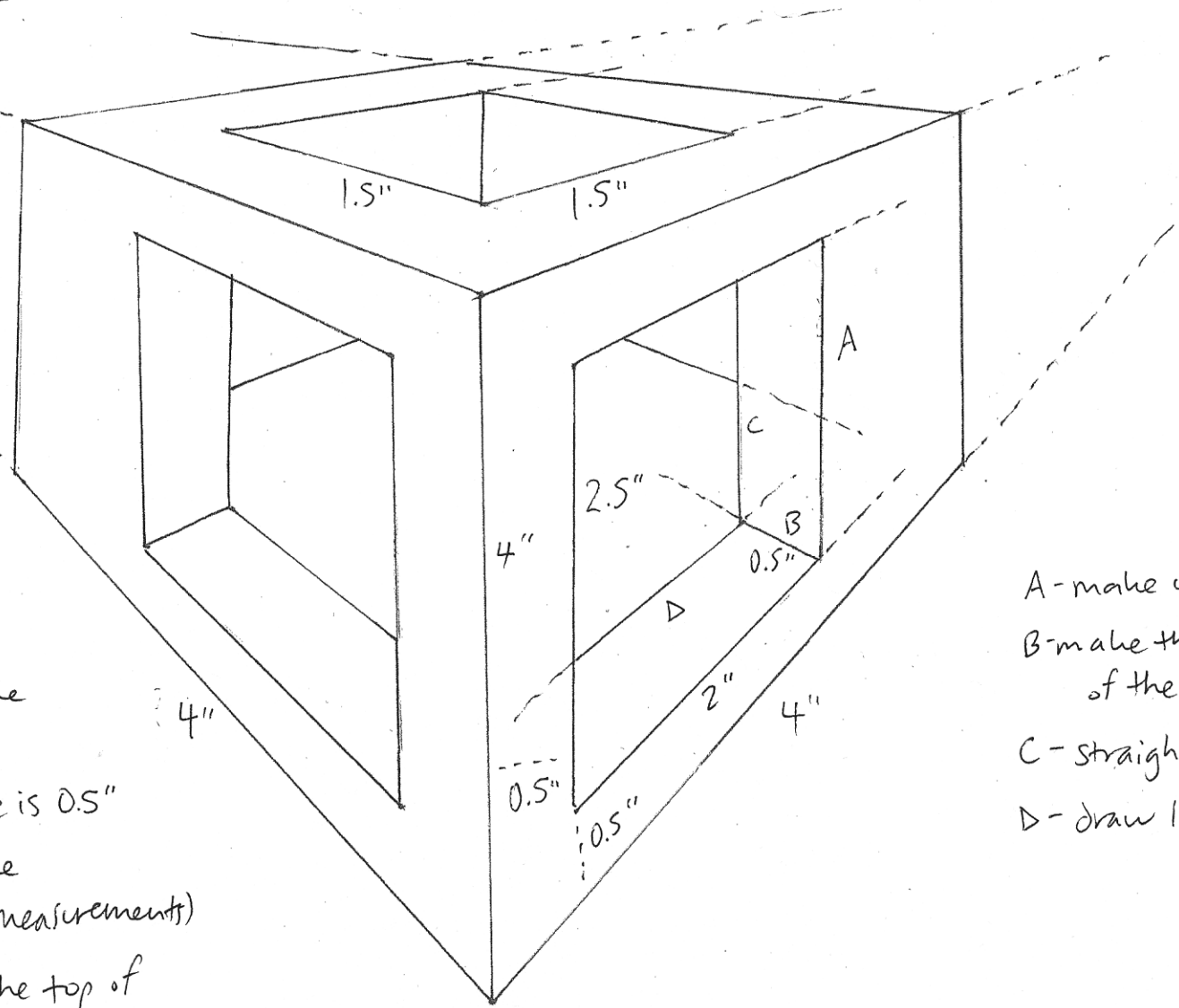


The disk is a flat version of the cylinder. Since it has many uses, it is well to know just how the ellipses should be drawn to fit any object at any viewpoint and from any eyelevel.

★ Fold paper in half. 



★ Fold paper in half. 




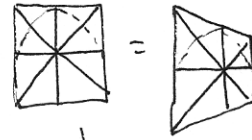
- ① Draw the box
- ② Draw the window on the right side
Width of window ledge is 0.5"
- ③ Draw the window on the left side (same measurements)
- ④ Draw the window on the top of the cube

A - make window opening
 B - make the width of the window ledge
 C - straight up & down
 D - draw lines to VPs

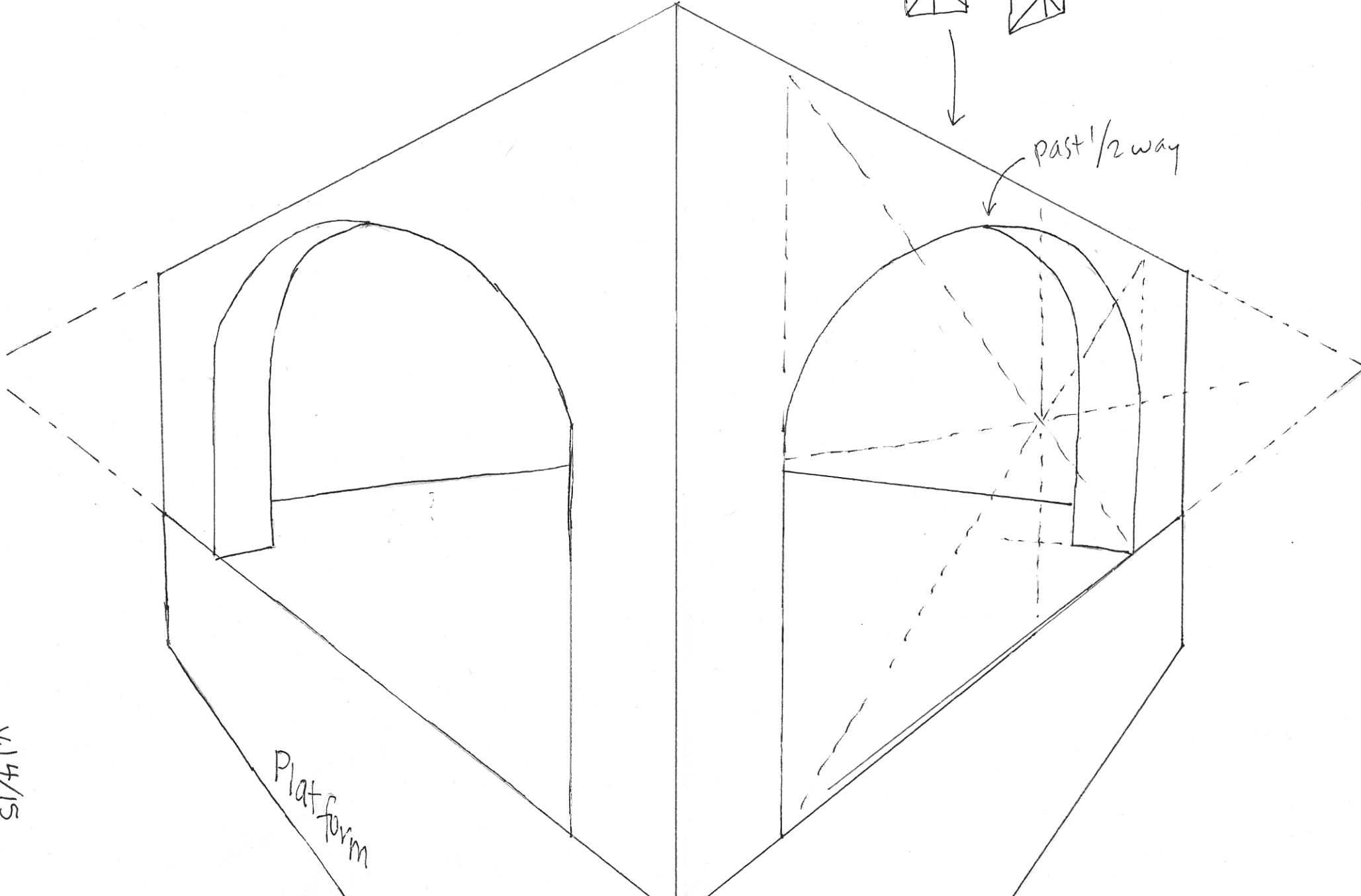
Arch doorway/Window

Name 9

★ Fold paper into fours. 



past 1/2 way






v.14/15

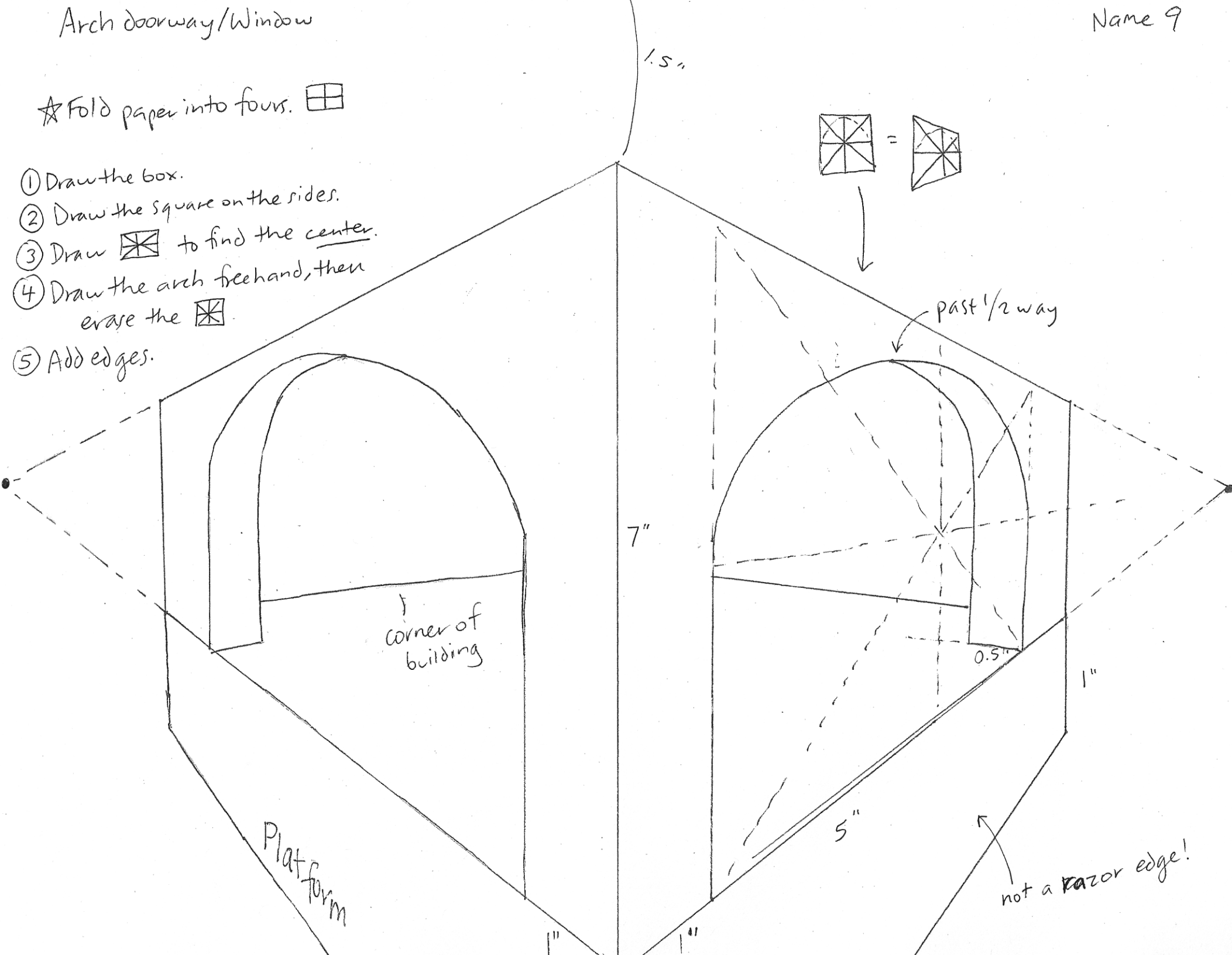
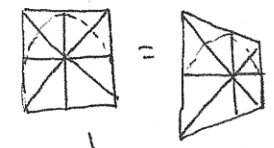
Platform

Arch doorway/Window

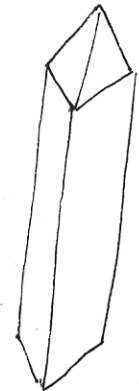
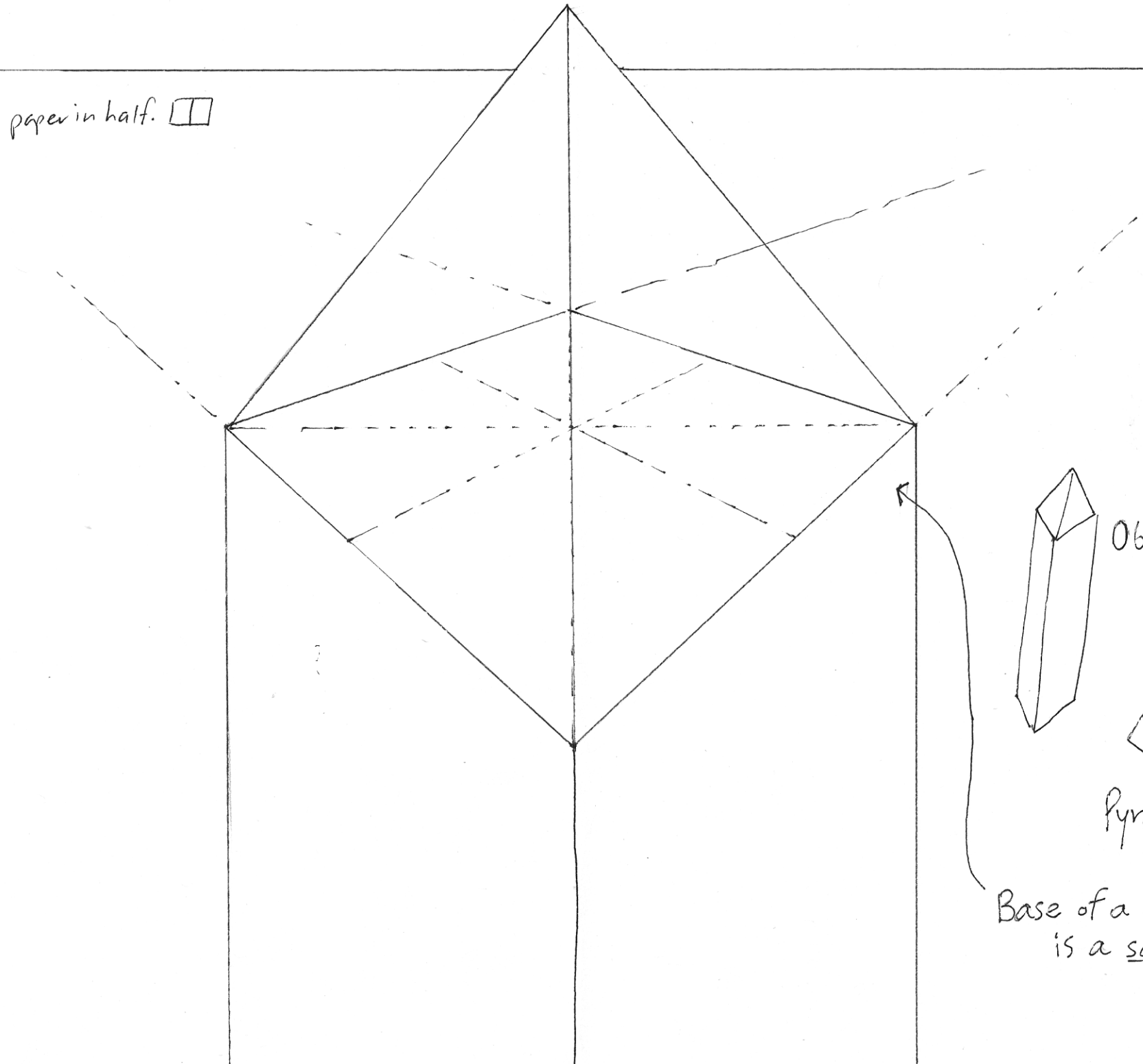
Name 9

★ Fold paper into fours. 

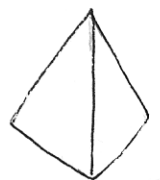
- ① Draw the box.
- ② Draw the square on the sides.
- ③ Draw  to find the center.
- ④ Draw the arch freehand, then erase the .
- ⑤ Add edges.



★ Fold the paper in half. 



Obelisk



Pyramid


Base of a pyramid is a square.

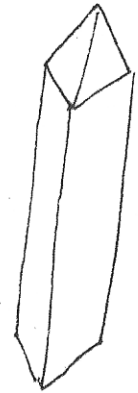
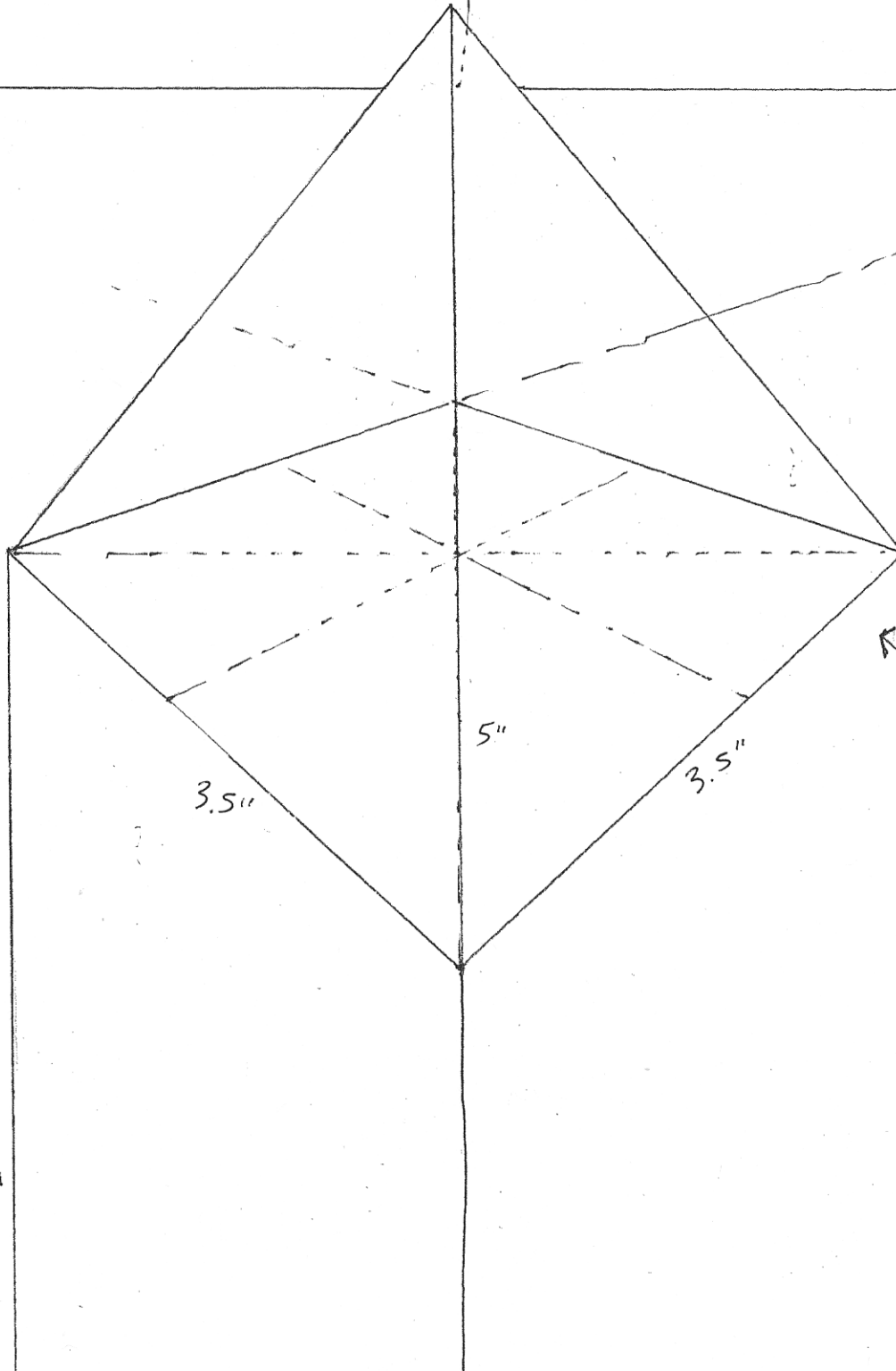
5/14/15

Pyramid/Obelisk (extra)

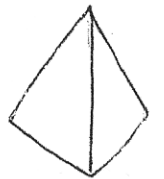
Name 10

★ Fold the paper in half. □□

- ① Draw corner of top of a box.
- ② Draw  on top of box to find the center.
- ③ Draw line going up ↑ from the center. 3"
- ④ Connect the corners to center of the top (pyramid).
- ⑤ Extend sides of the obelisk downward.



Obelisk



Pyramid

Base of a pyramid is a square.