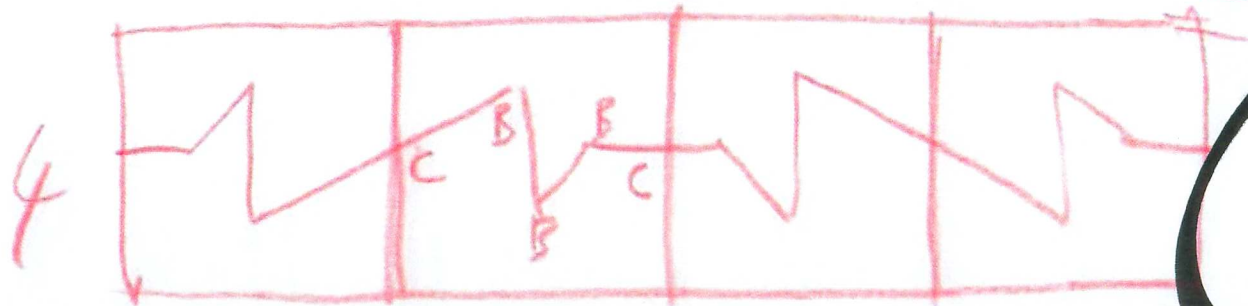


CUBE SECTION

16

320



(PDF)

MON. MARCH 15

2010

WED. MARCH

MON. 11

WED. 11

→ shown also

Small
sand dollars

17
22
24

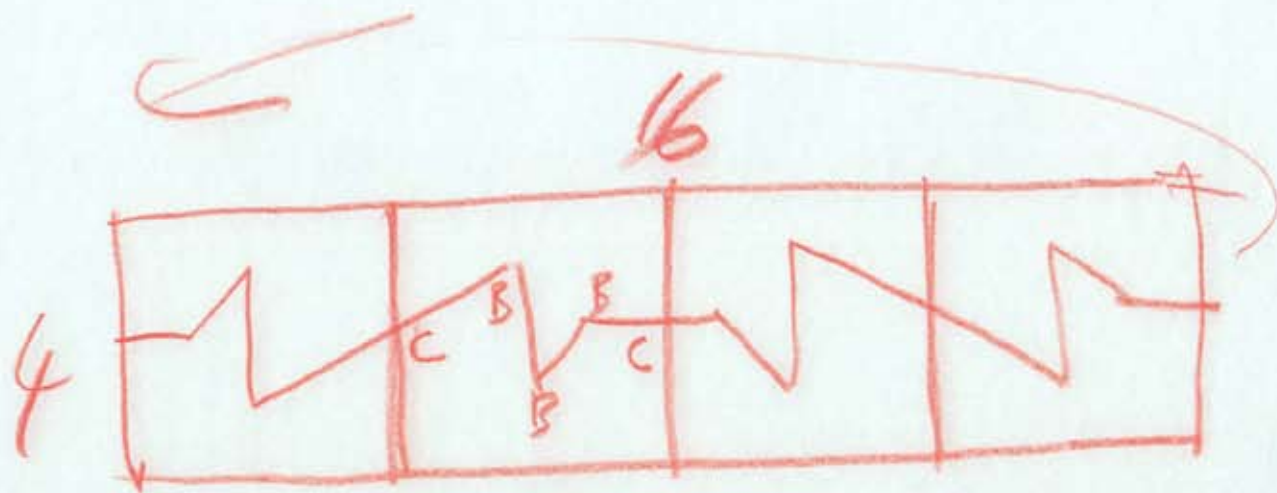
CUBE

4
Sessions

Posted in ilearn
as:
"320-06-2010-spring-
notes-03-cube.pdf"
under
Assignment 28 link

Week 8 - Day 13
Mon. Oct. 11, 2010

CLASS NOTES 1



320

PM

MON. MARCH 15

2010

CUBE

4

Sessions

WED. MARCH

MON. 11

WED. 11

→ shown also

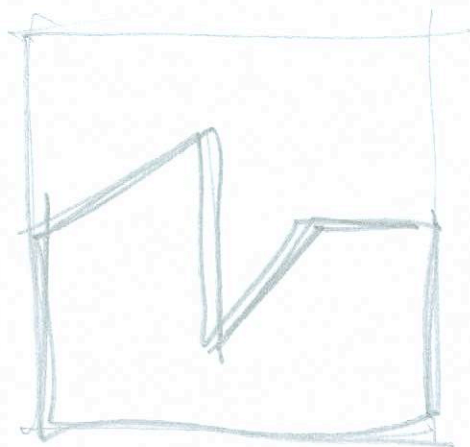
small
sand dollars

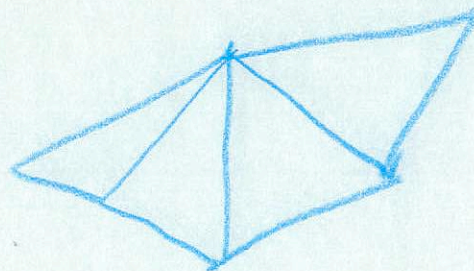
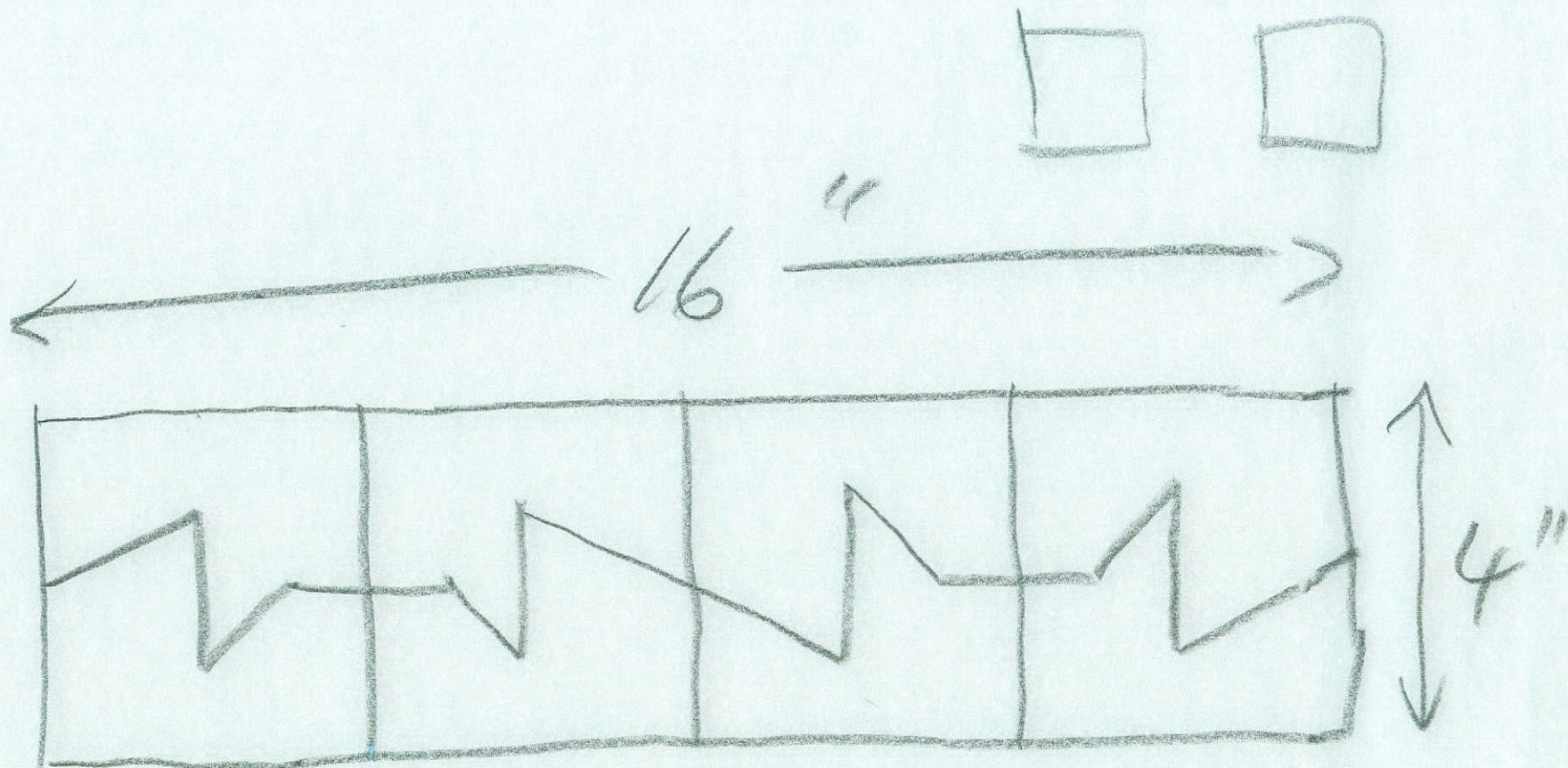
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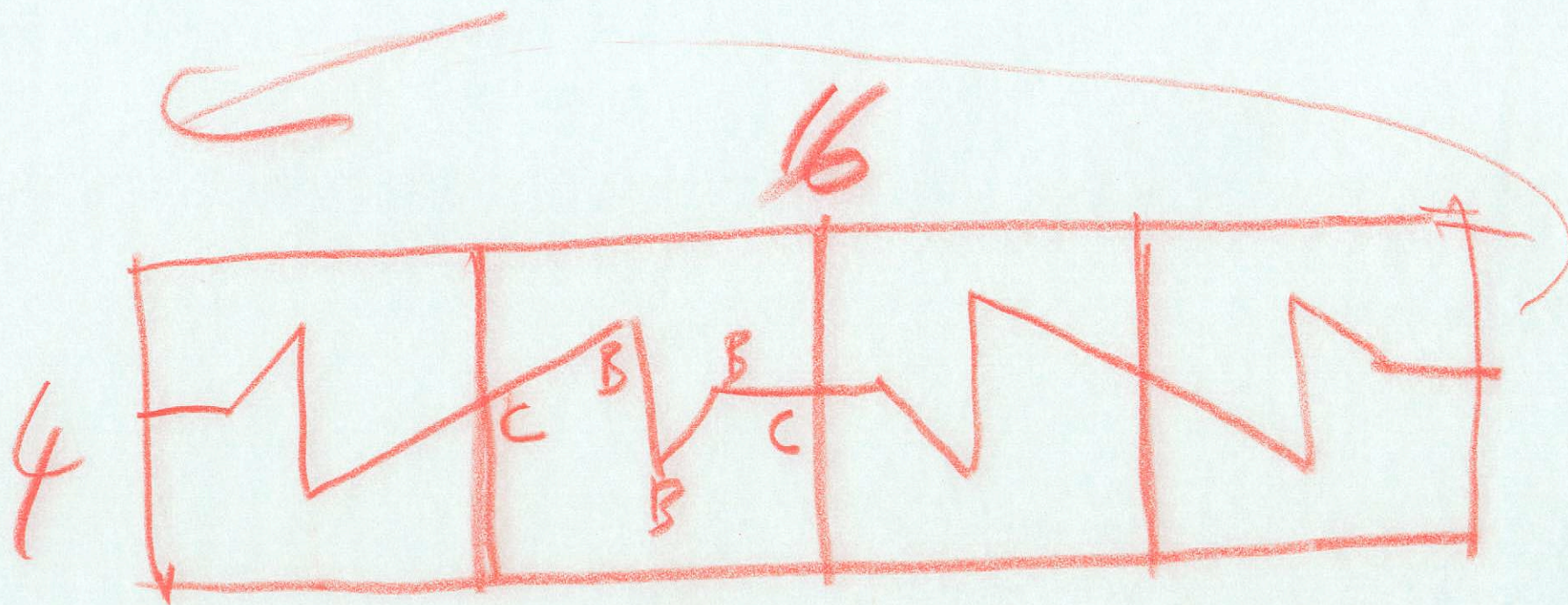
22

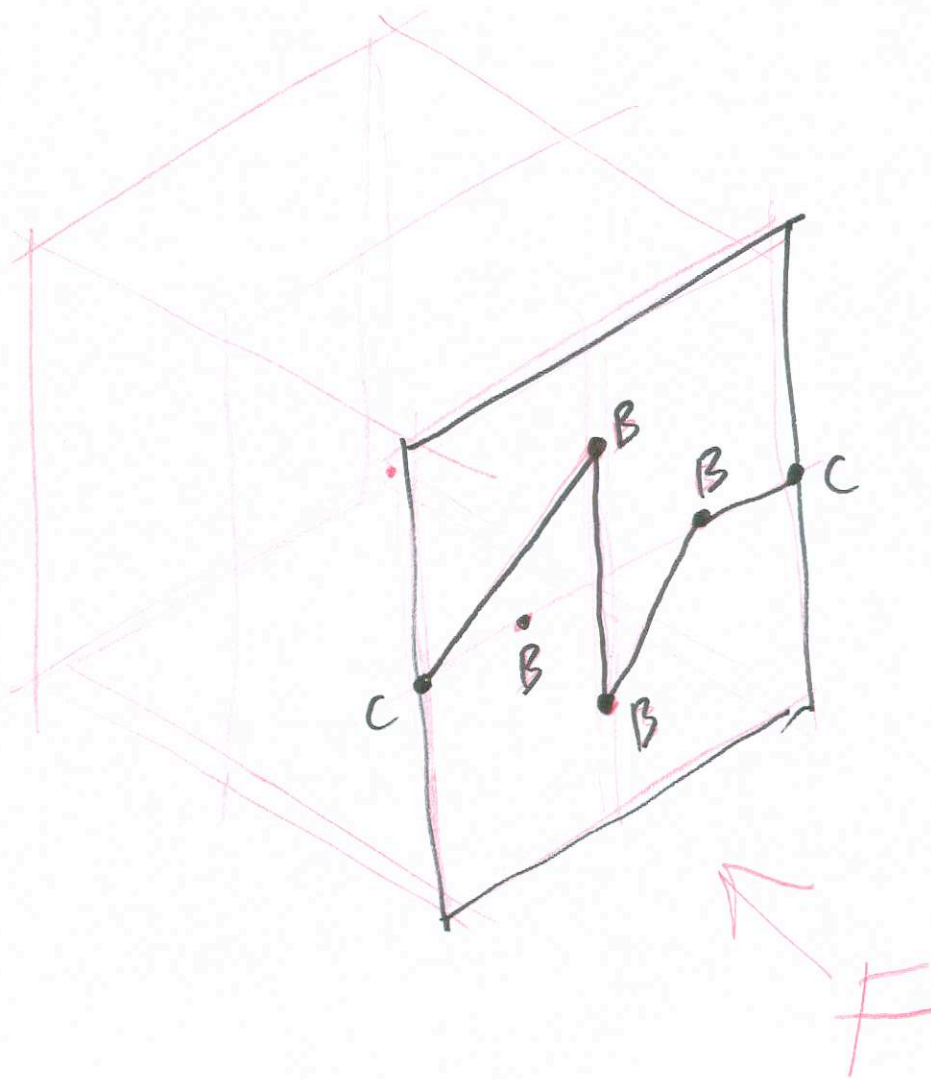
24

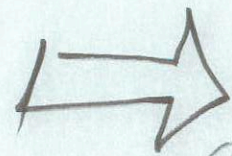
①







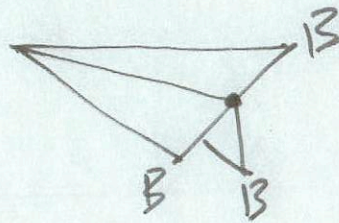
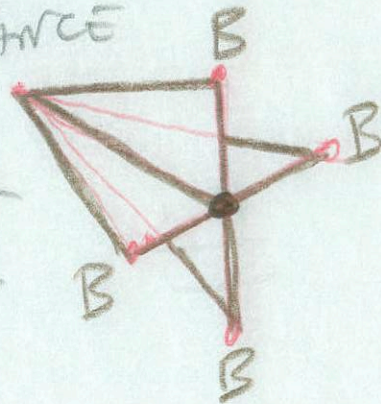
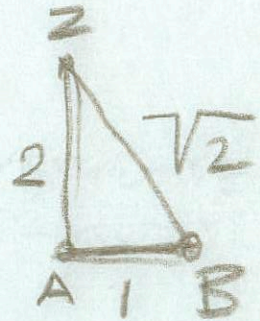


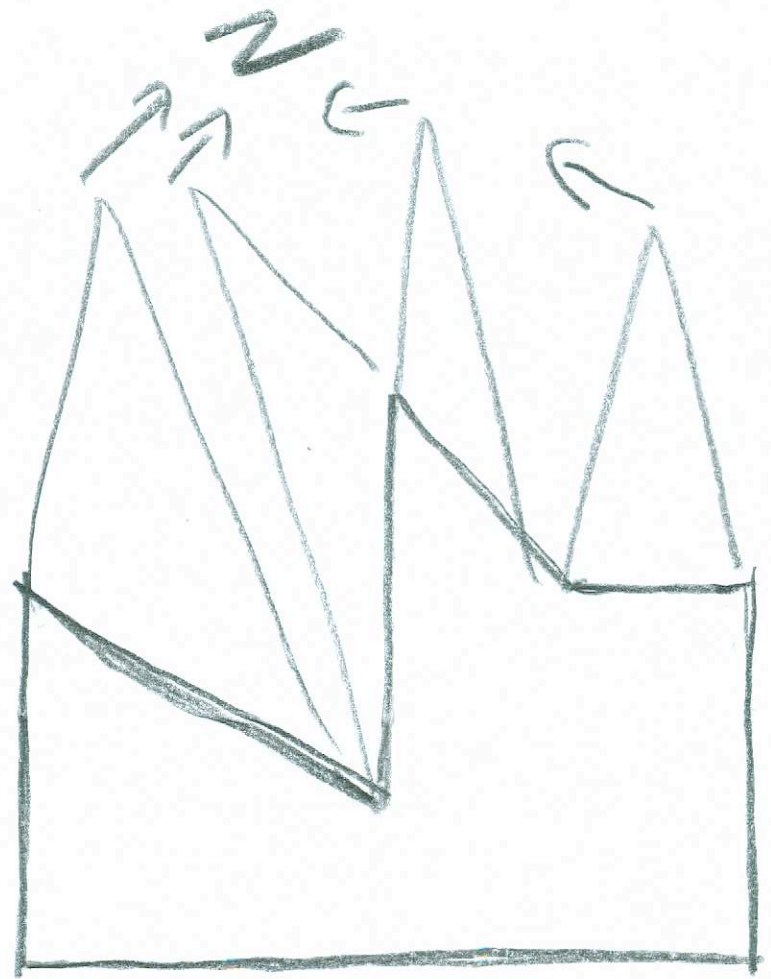


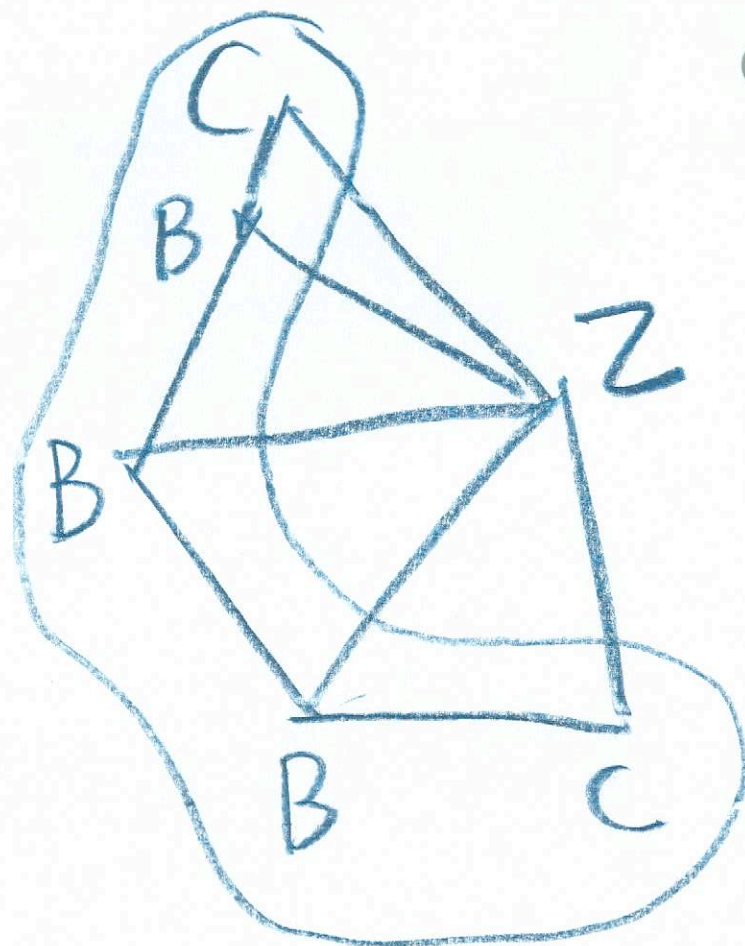
~~THE~~ EXAMPLE
OF DOUBLE ALTERNATE
TO SHOW HOW
"B"s ARE ALL
AT THE SAME
DISTANCE

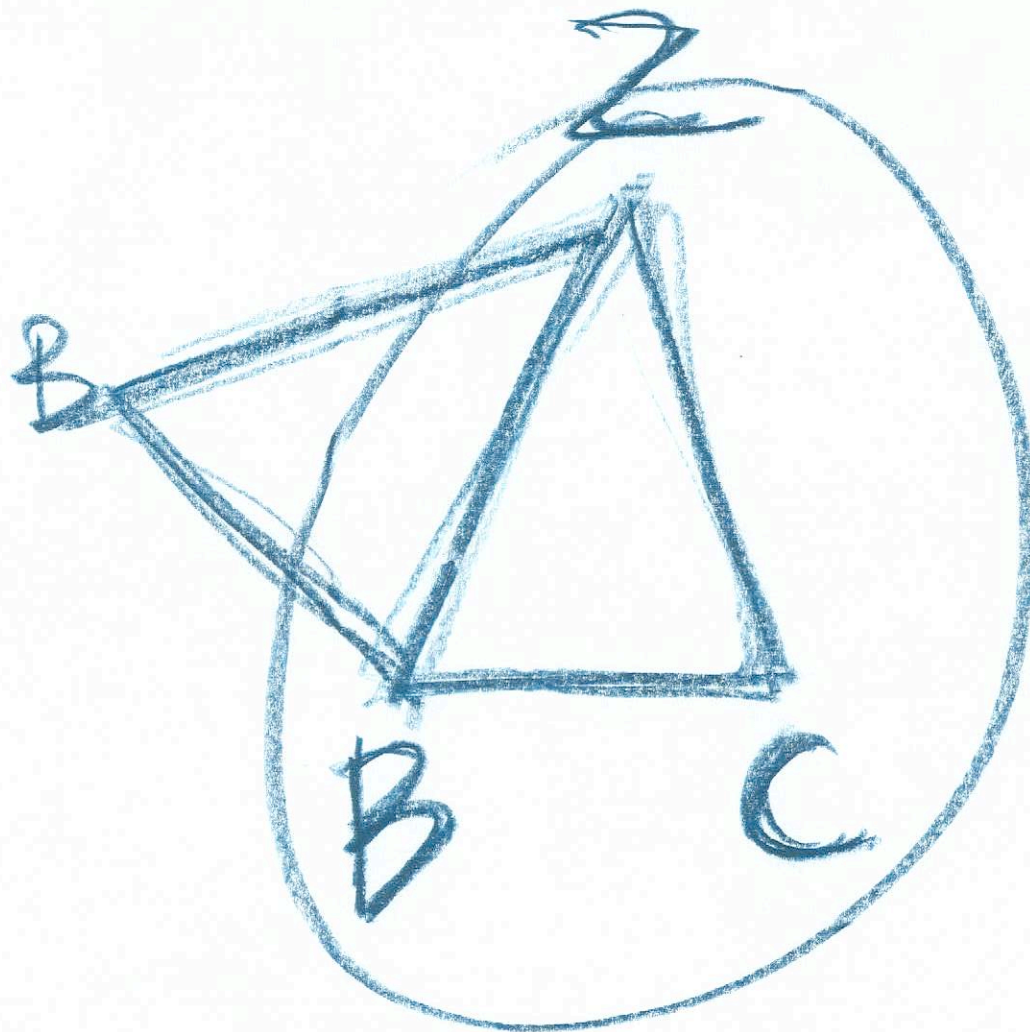
FROM
CENTER

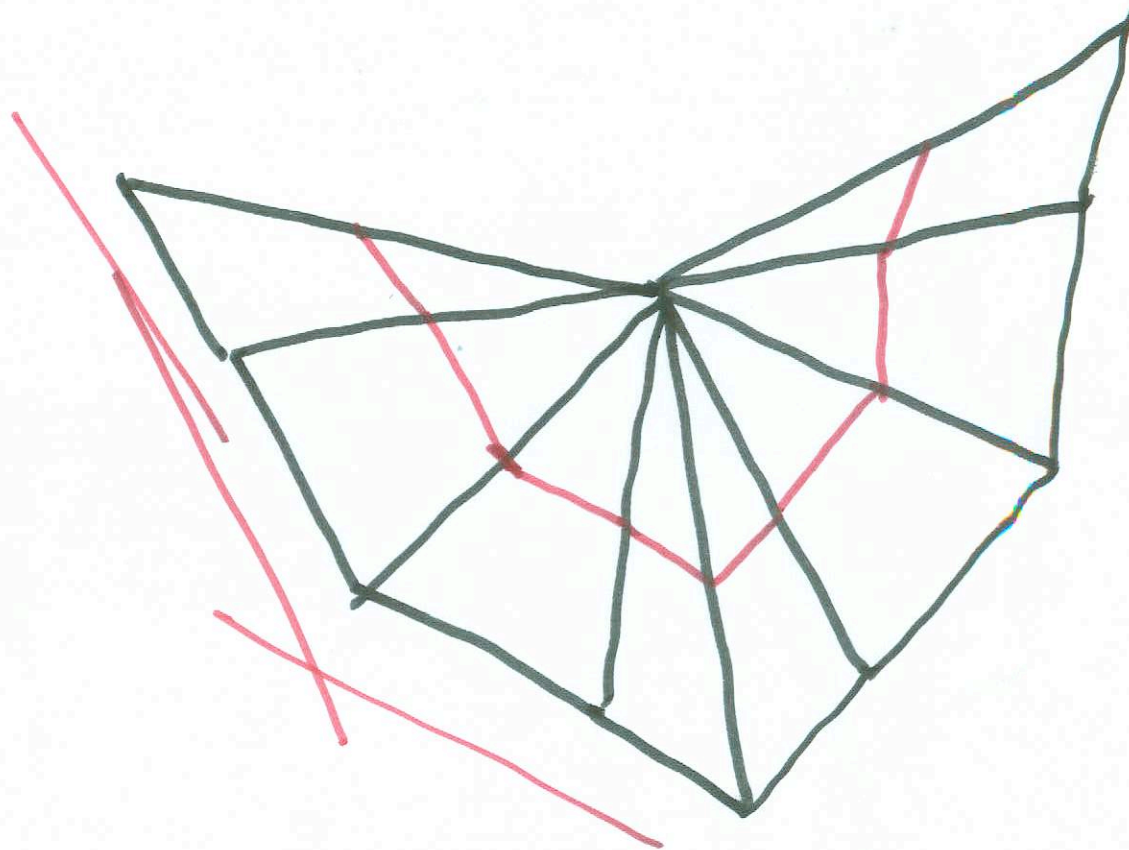
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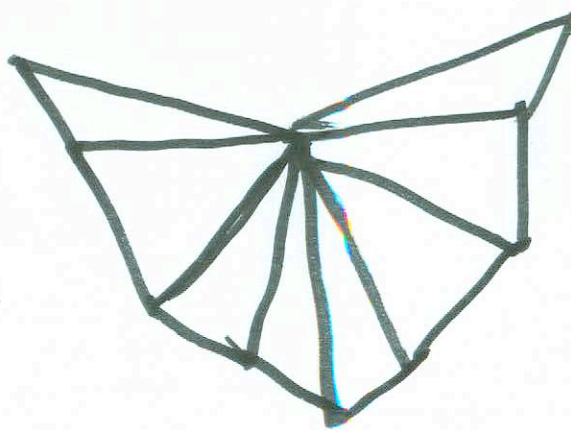


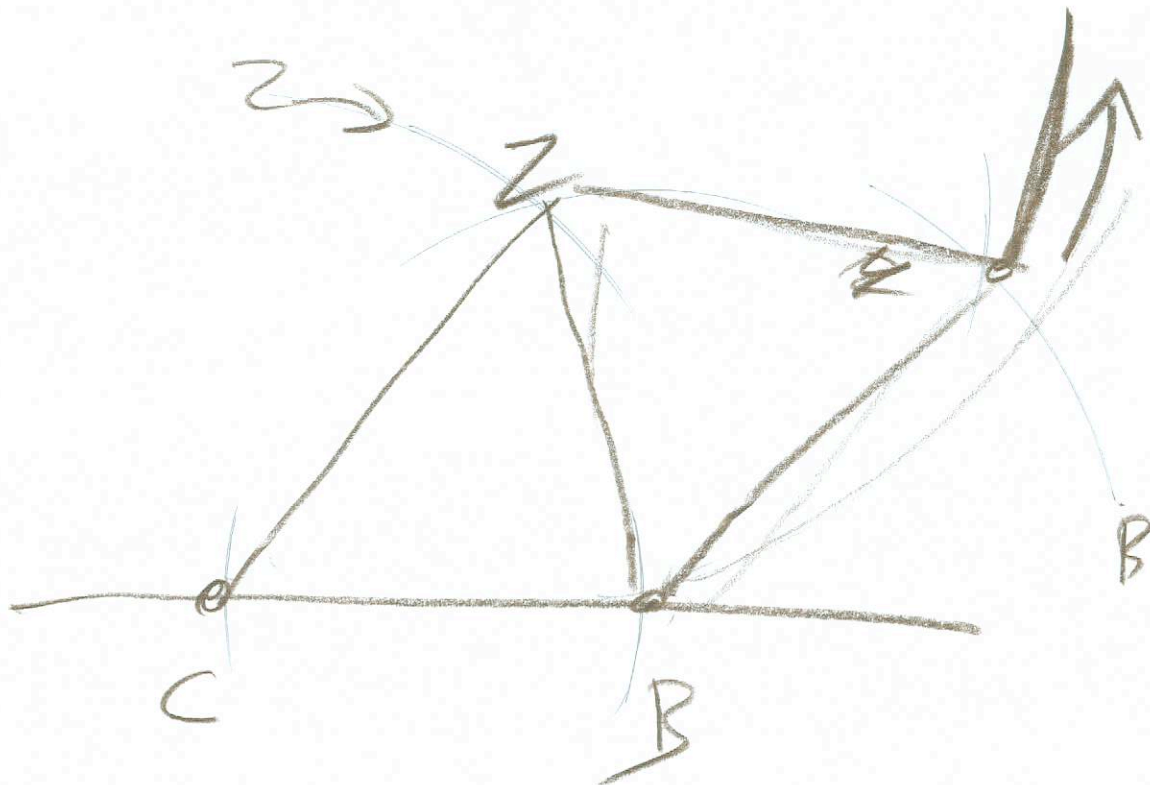








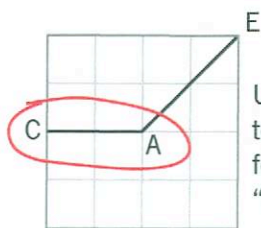




CUBE SECTION – INTERNAL SURFACE

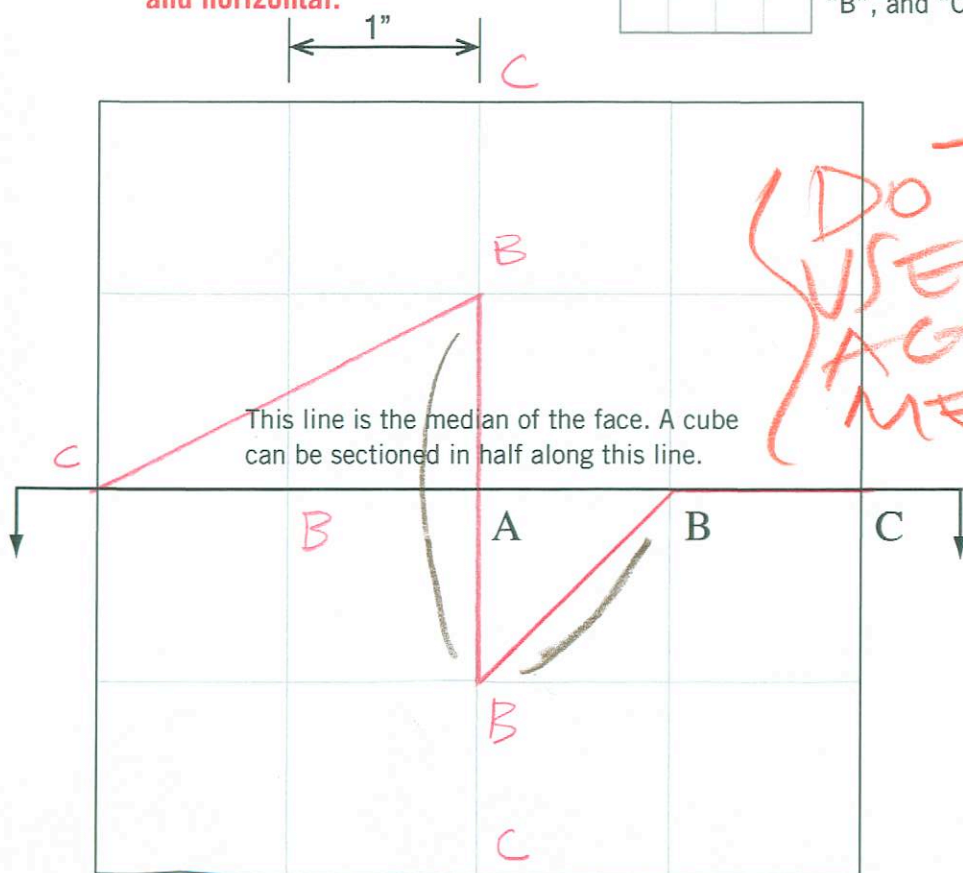
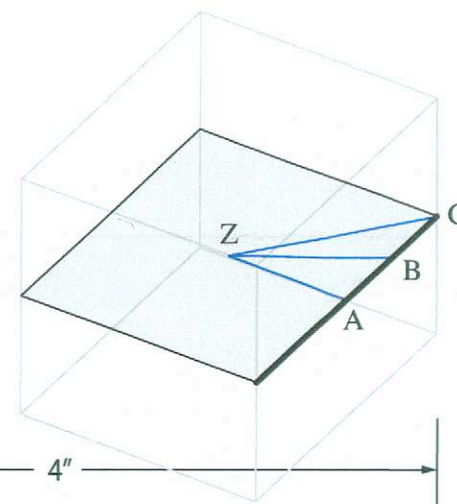
Step 4 Use the given letters to mark any external points of the section that are either on the median or...

NOTE: when printing, select Page Scaling: NONE. Check your drawing after printing to verify dimensions. Check both axes: vertical and horizontal.



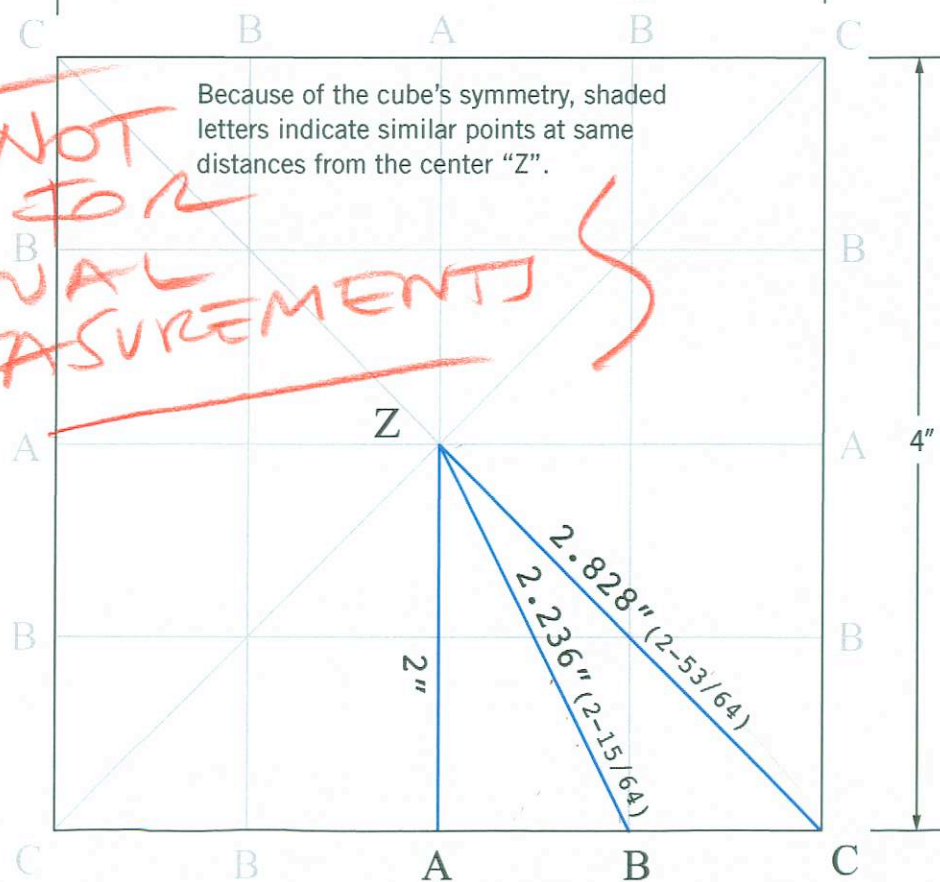
Use this page to find distances for points "A", "B", and "C"

Distances from points on the median to the center of the cube "Z".



This line is the median of the face. A cube can be sectioned in half along this line.

DO NOT USE FOR ACTUAL MEASUREMENTS



Because of the cube's symmetry, shaded letters indicate similar points at same distances from the center "Z".

Face of the cube sectioned along the median.

NOTE: You can use this grid to draw your section at full scale.

TRUE distances from points on the median to center "Z".

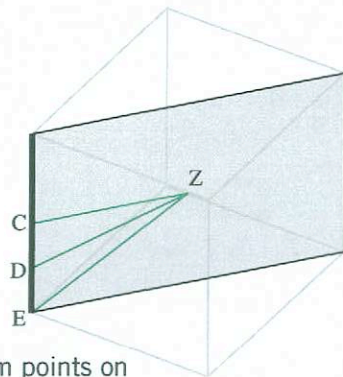
Use these distances for the construction of the internal section.

CUBE SECTION – INTERNAL SURFACE

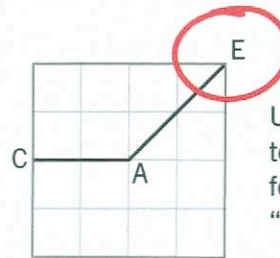
5

Step 4 ...the edge of the face/cube.

NOTE: when printing, select Page Scaling: NONE.
Check your drawing after printing to verify dimensions.
Check both axes: vertical and horizontal.

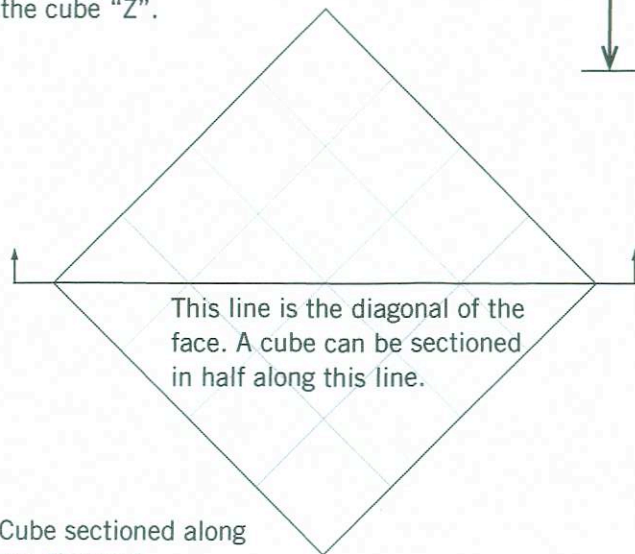


Distances from points on the edge to the center of the cube "Z".



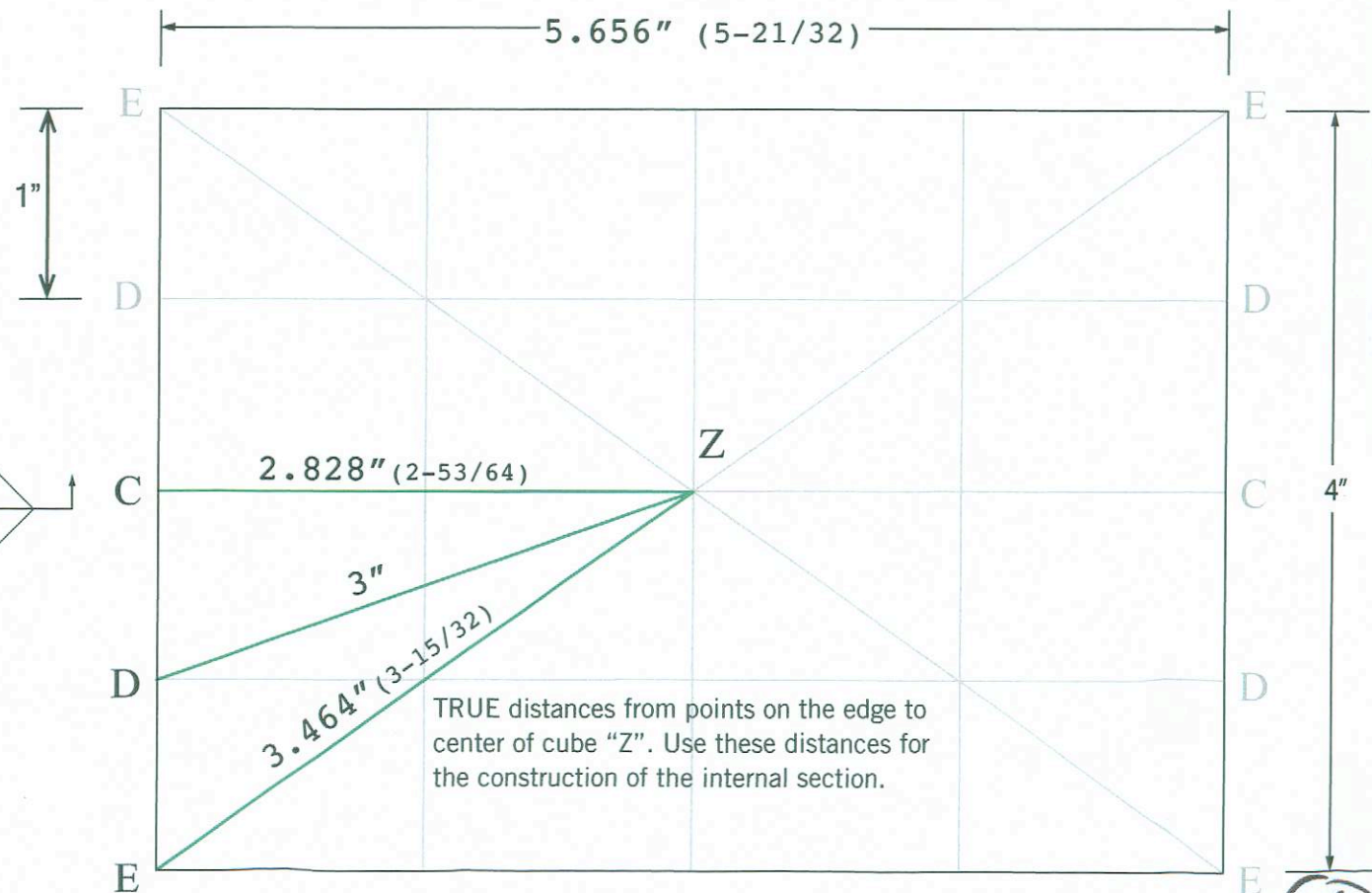
Use this page to find distances for points "C", "D", and "E"

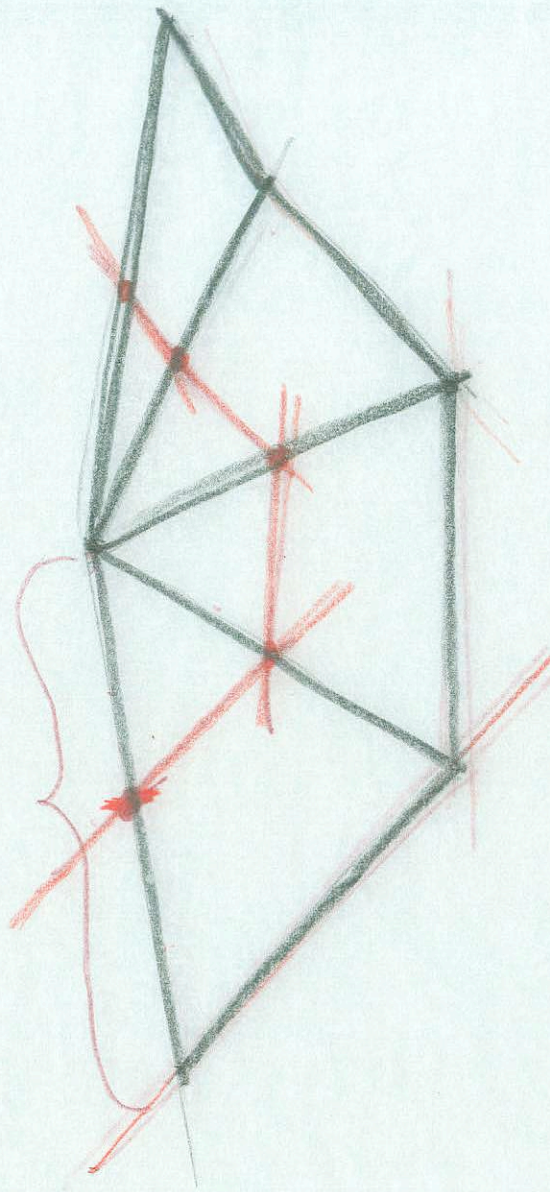
(DO NOT USE THIS PAGE TO MEASURE FROM - ~~DO~~)



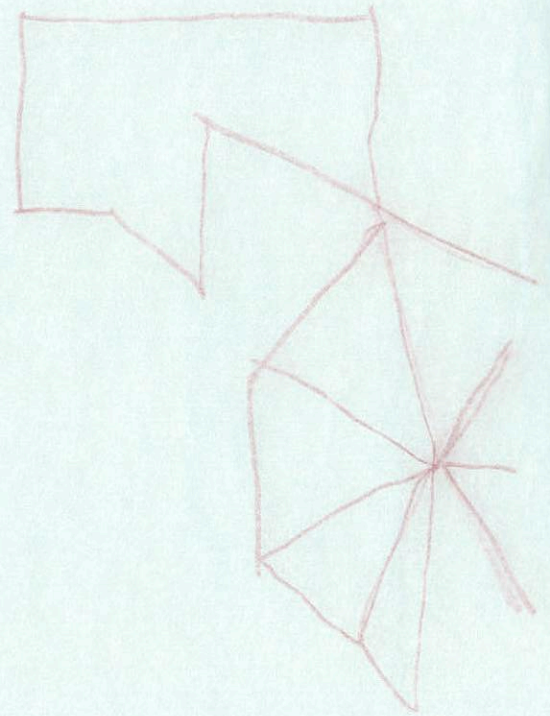
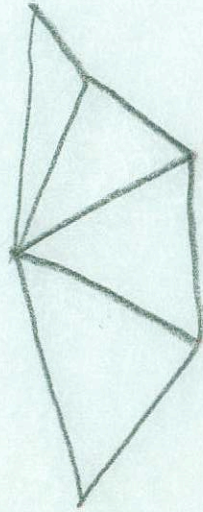
This line is the diagonal of the face. A cube can be sectioned in half along this line.

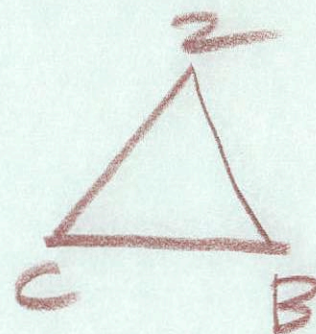
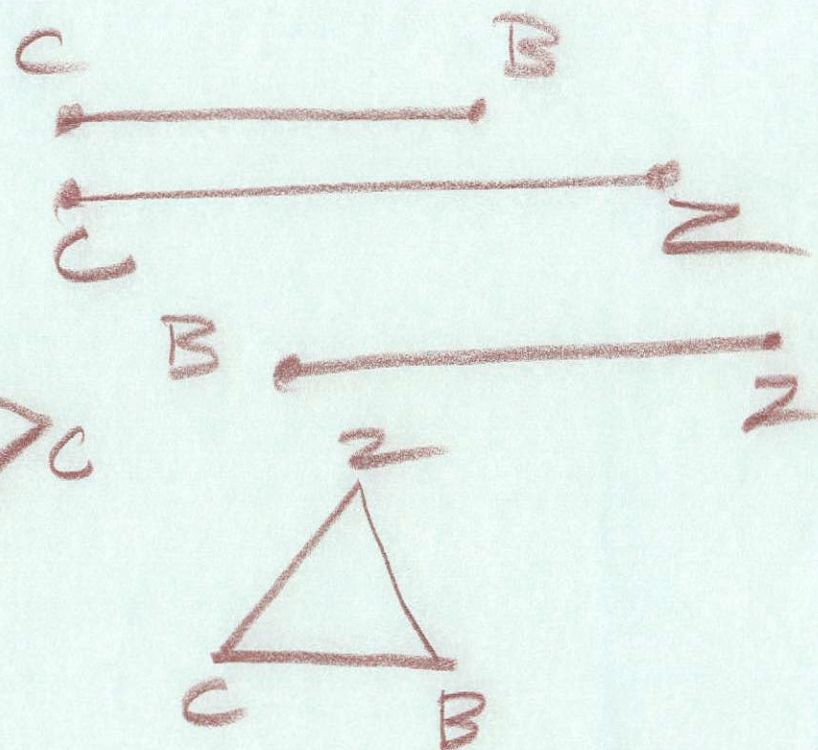
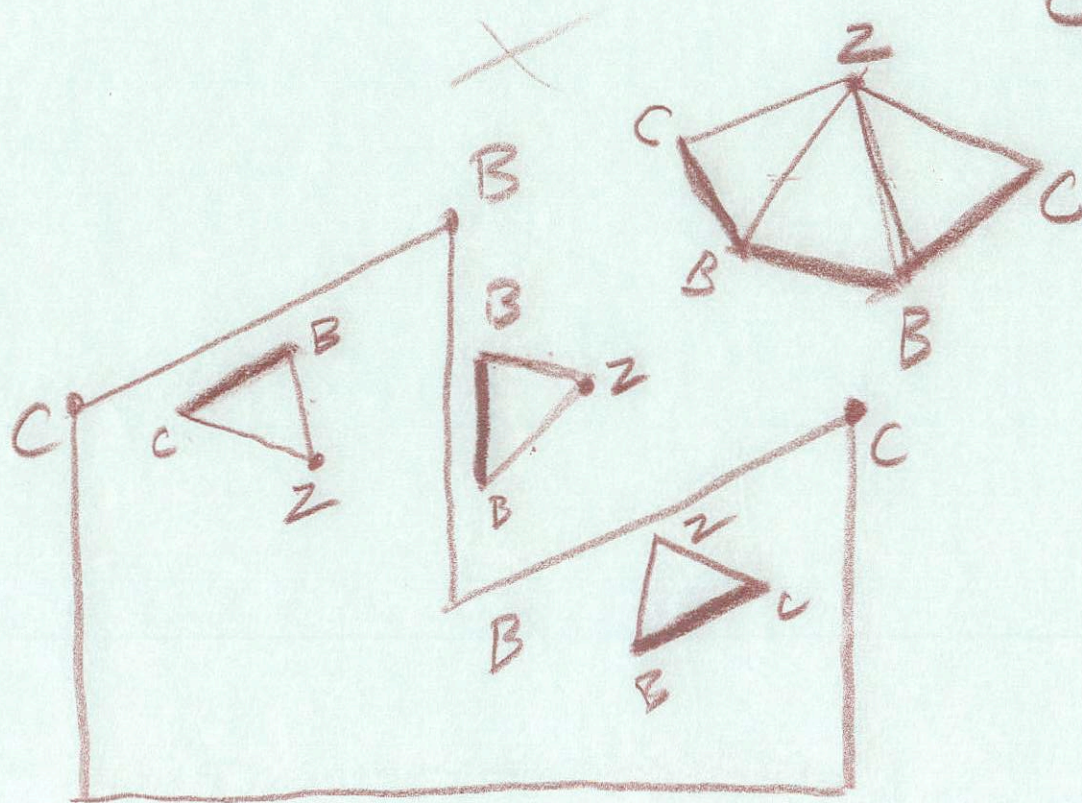
Cube sectioned along the diagonal.

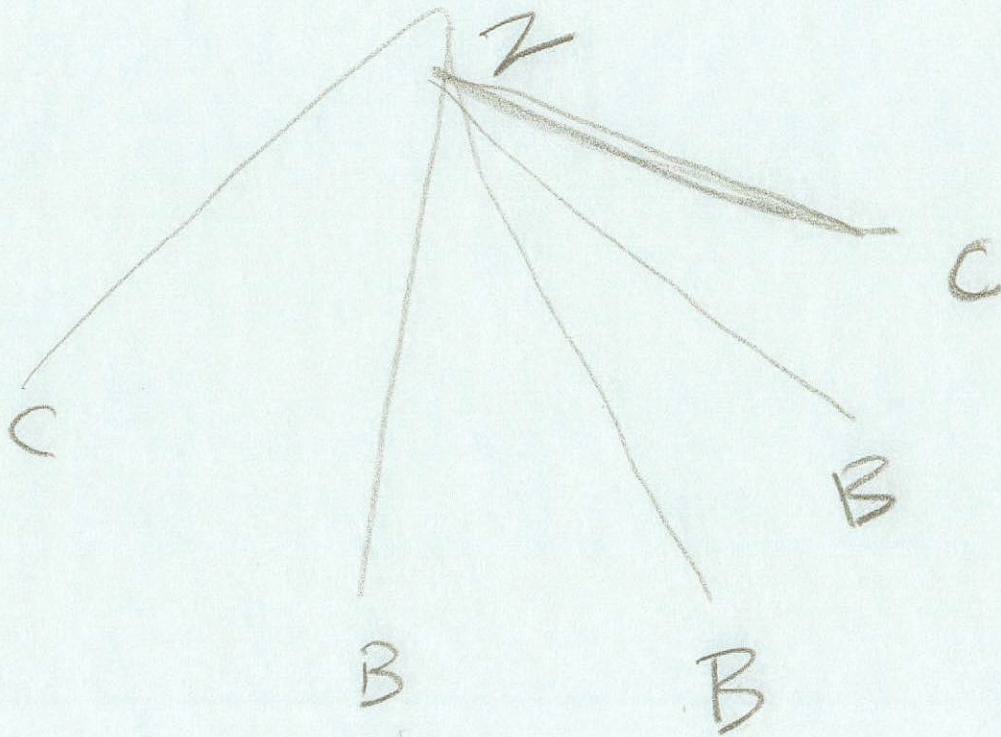


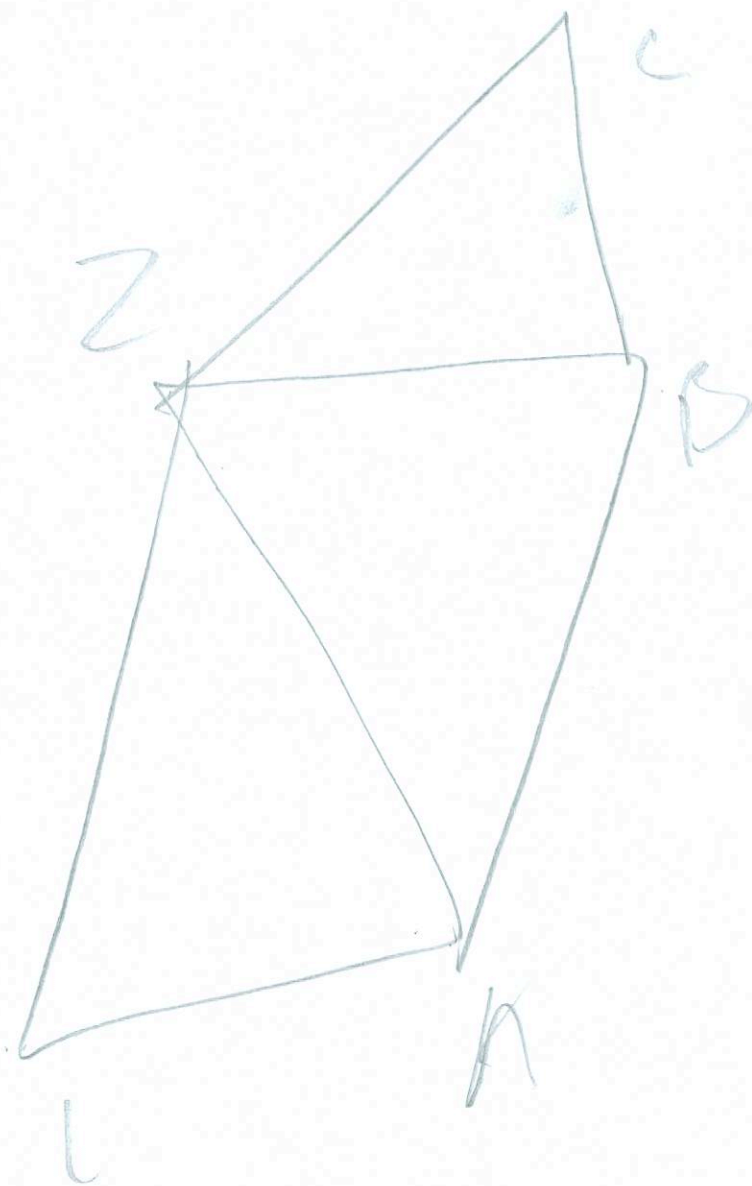


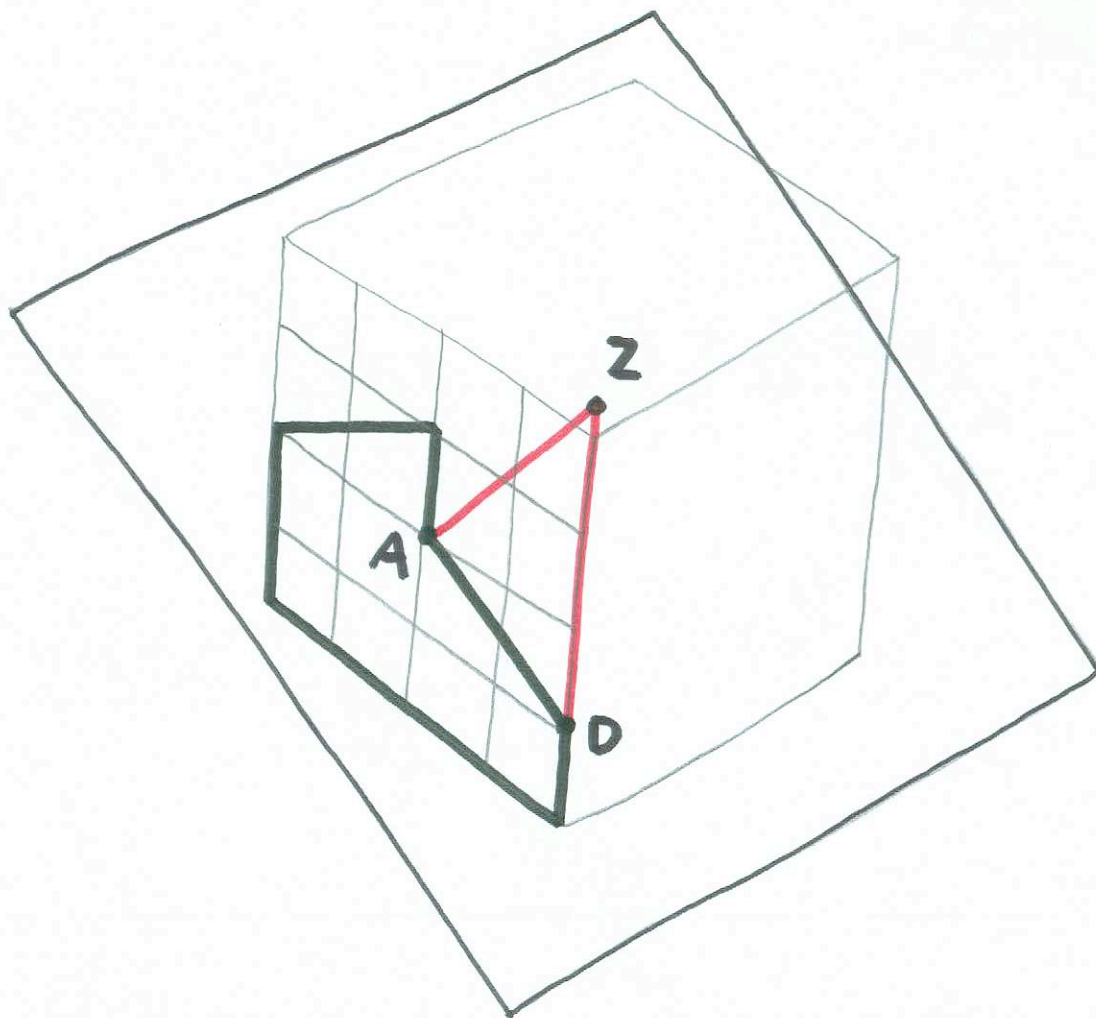
50%





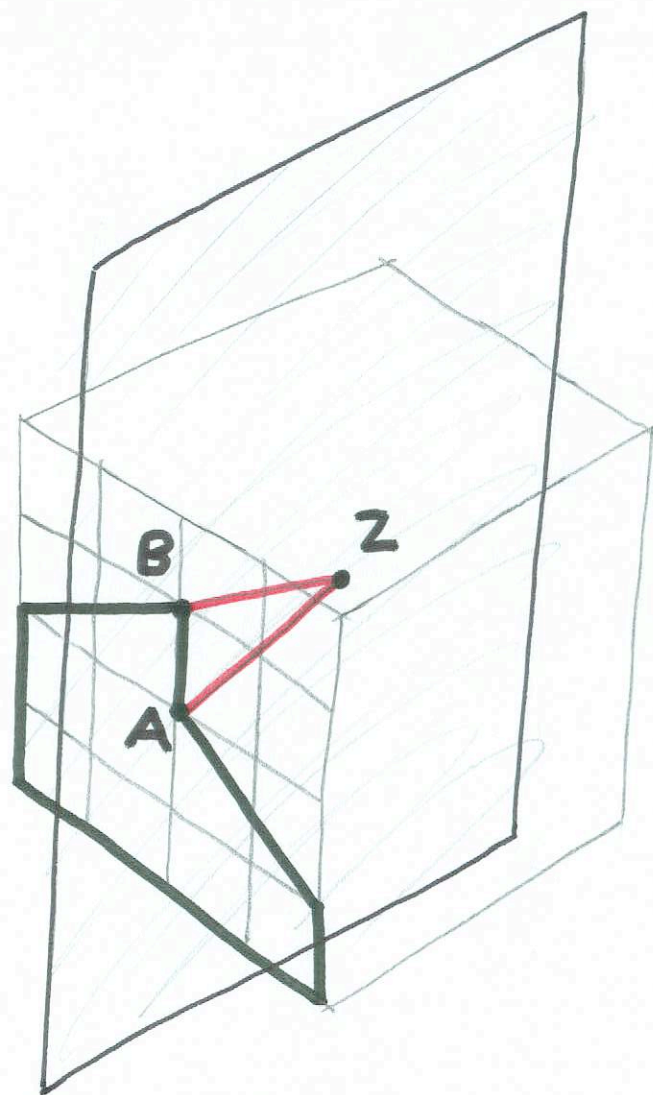






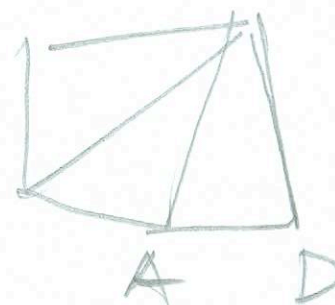
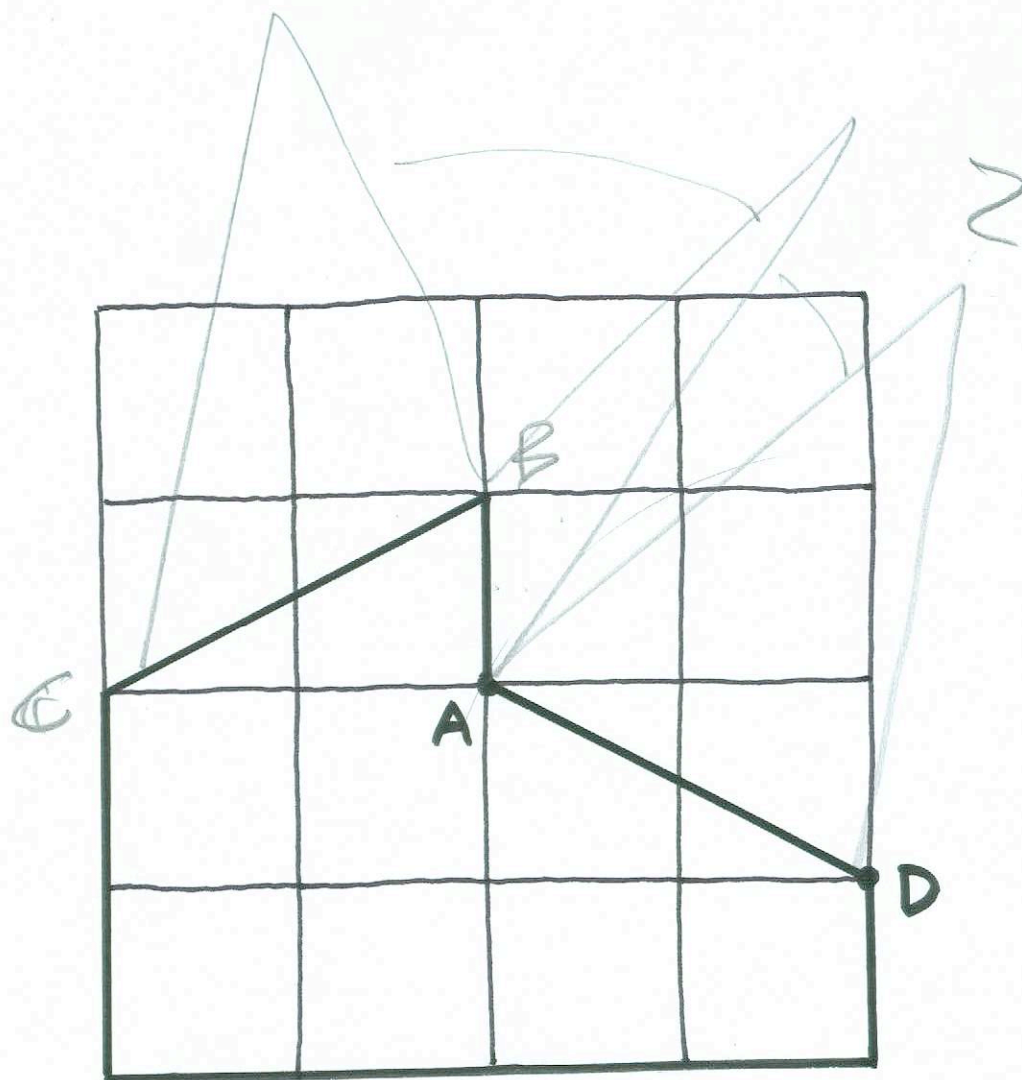
20

①



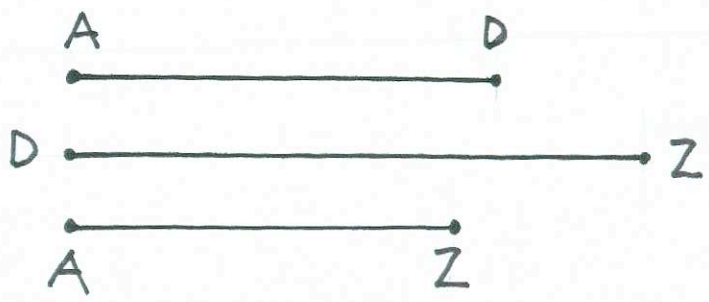
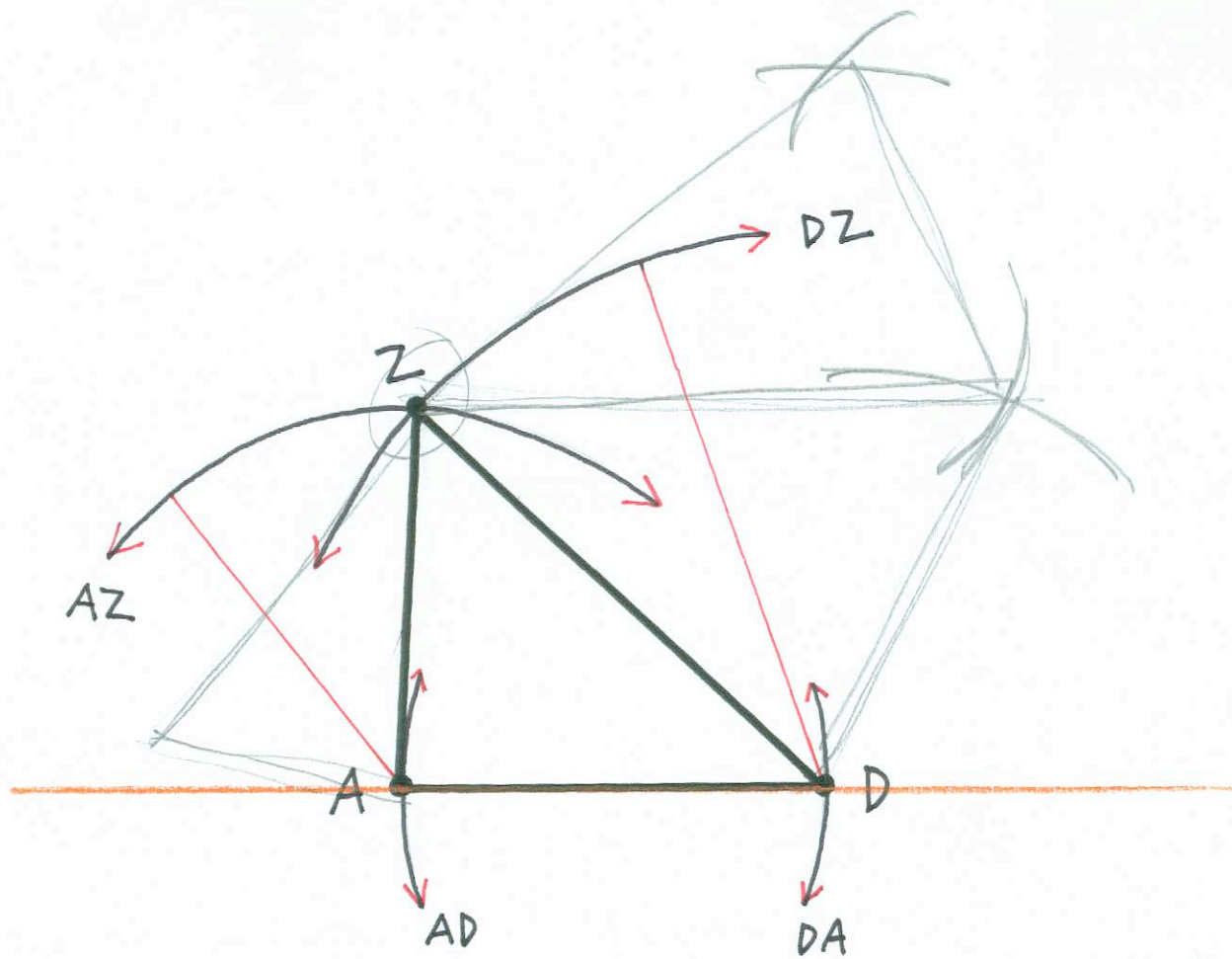
21

(2)



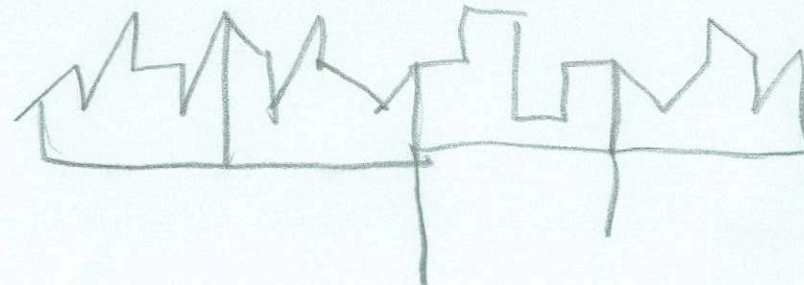
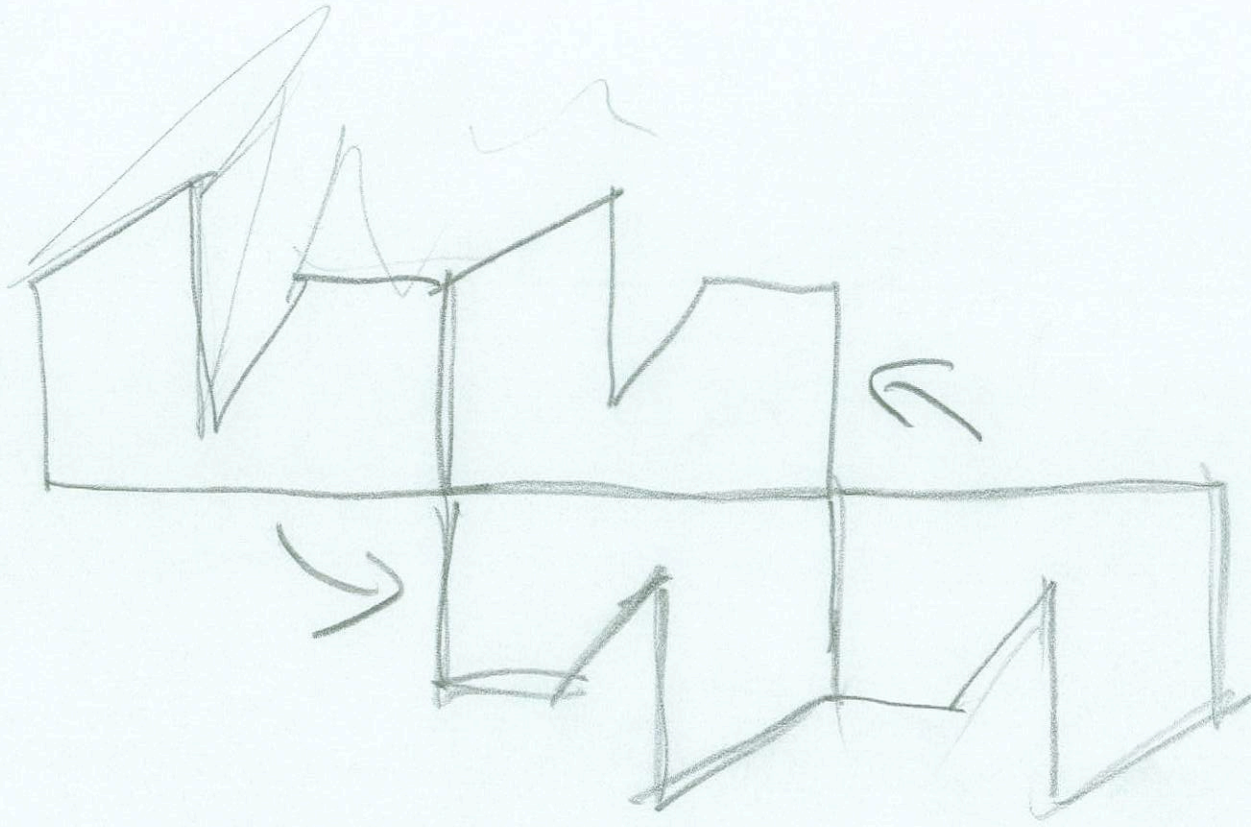
22

(3)



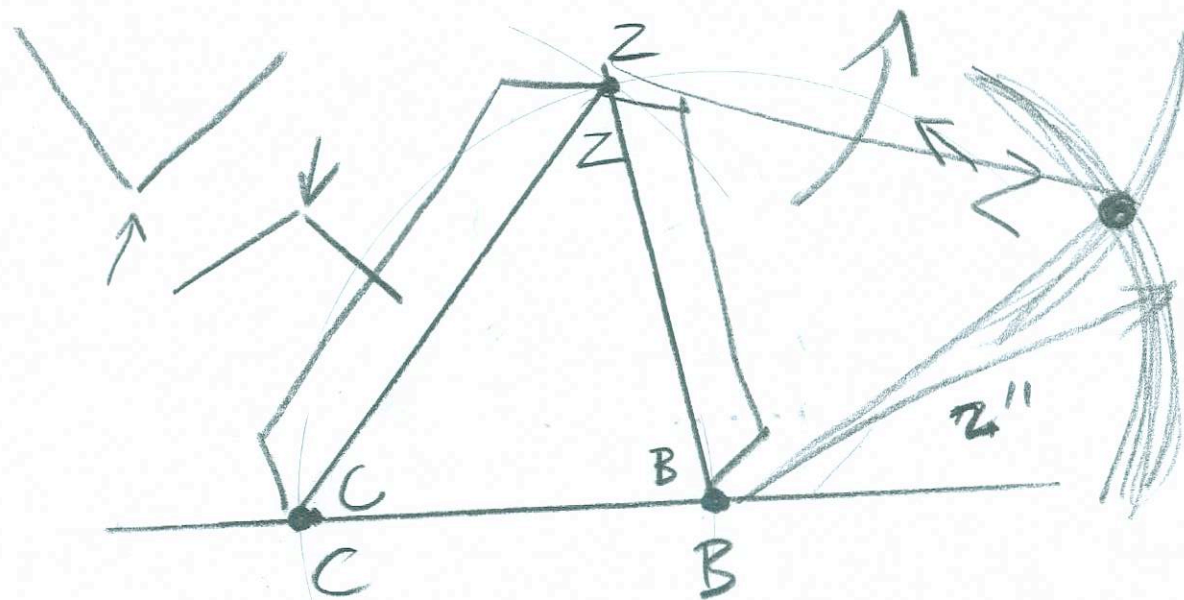
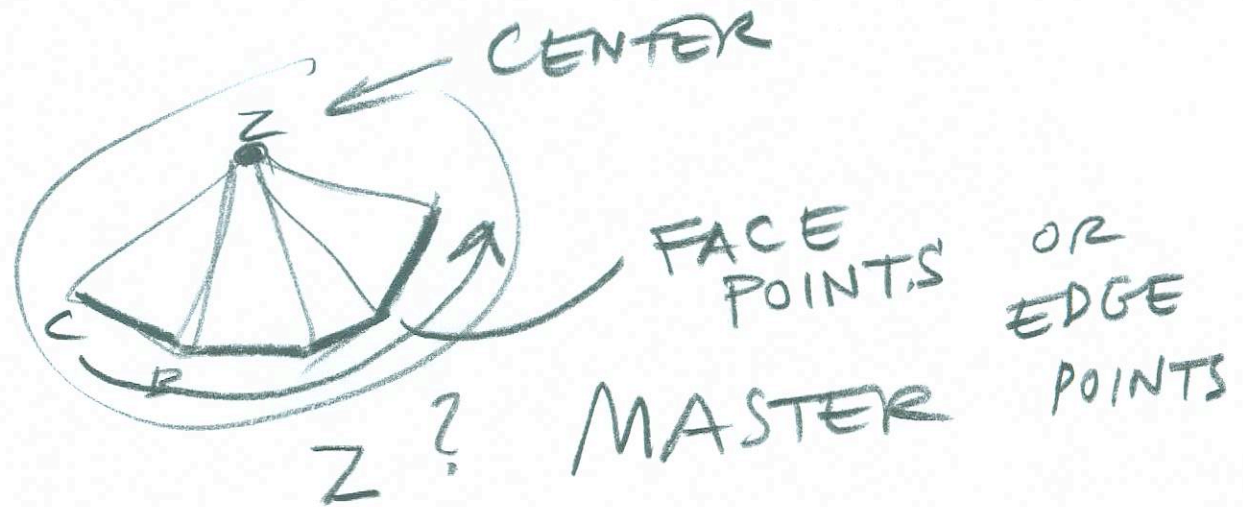
23

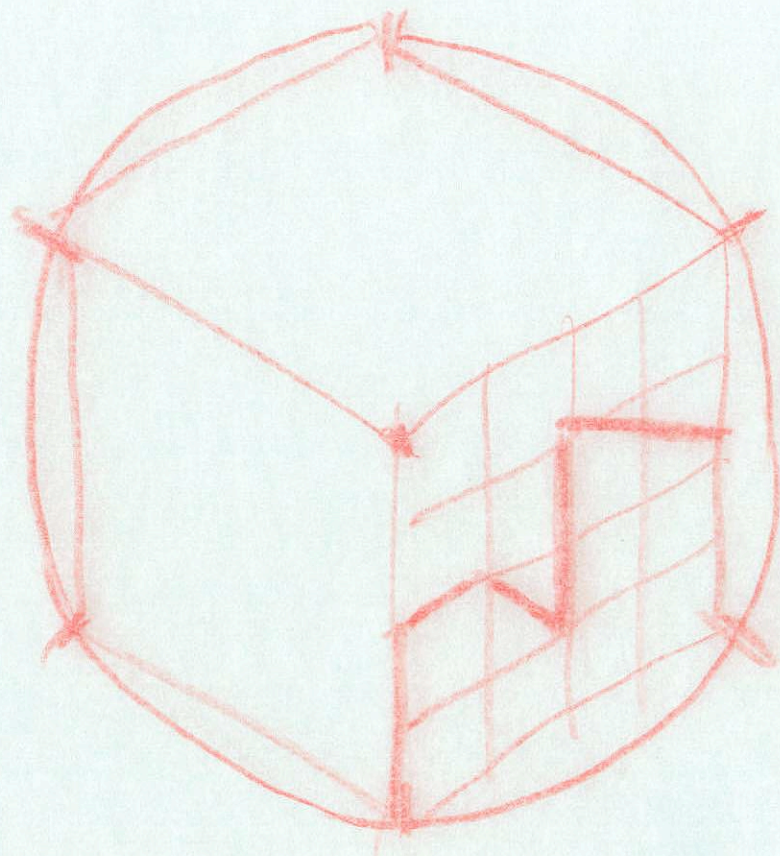
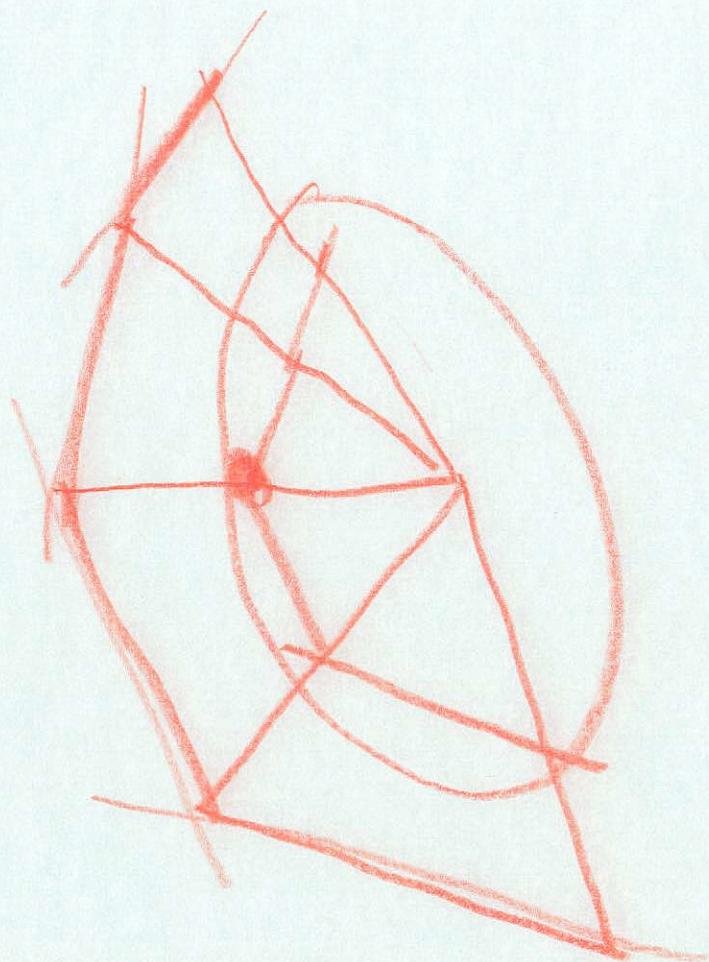
(4)



24

		APPROVED BY		DRAWN BY
		SCALE:	DATE:	



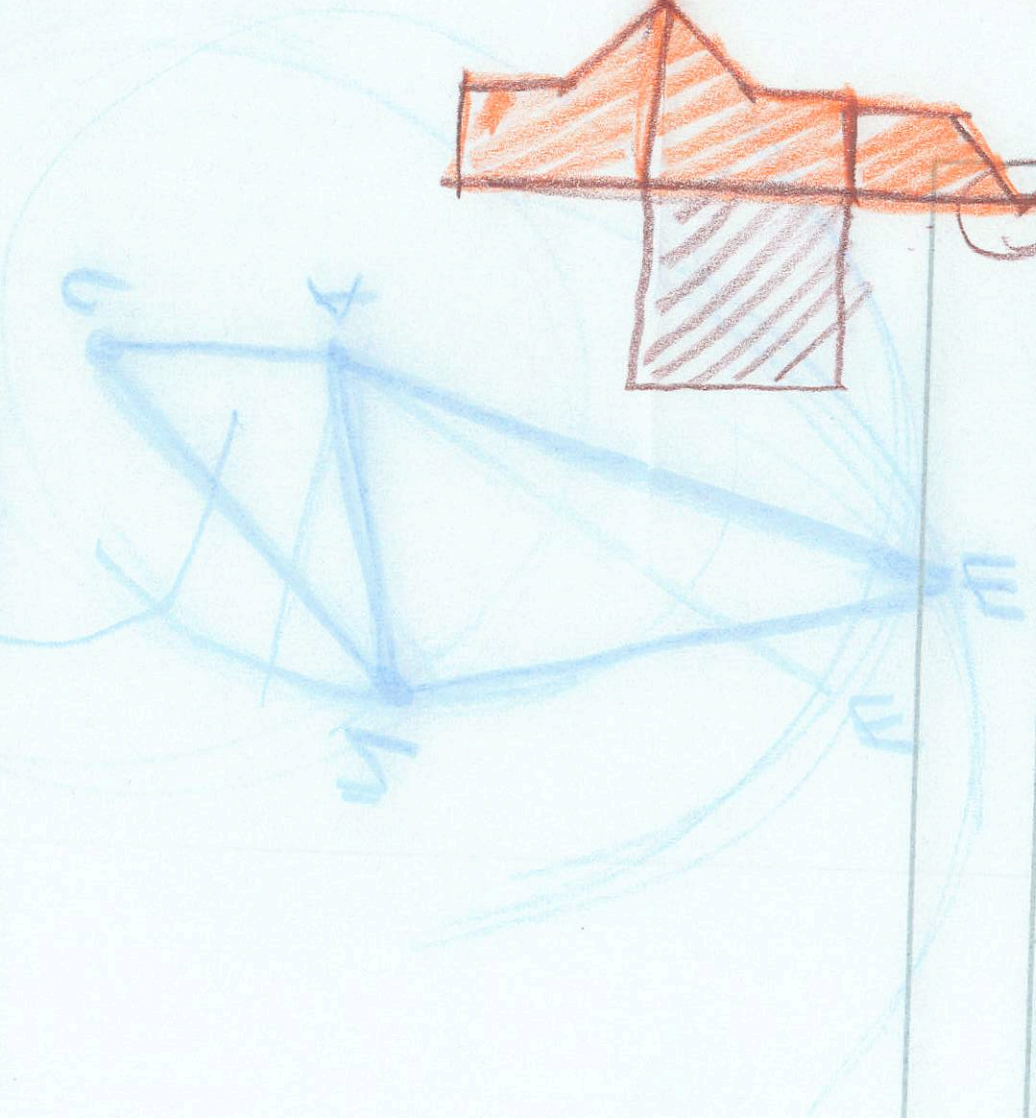
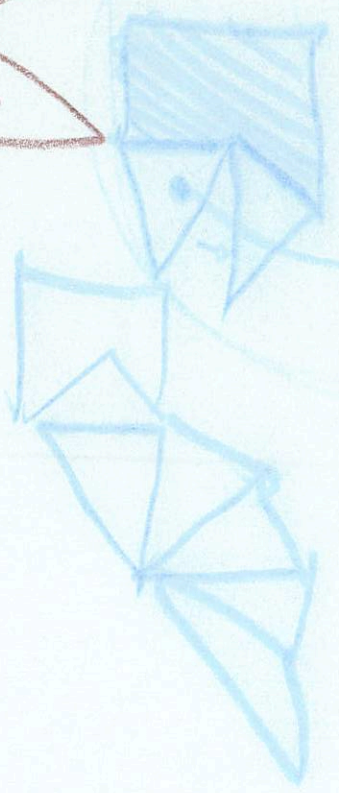
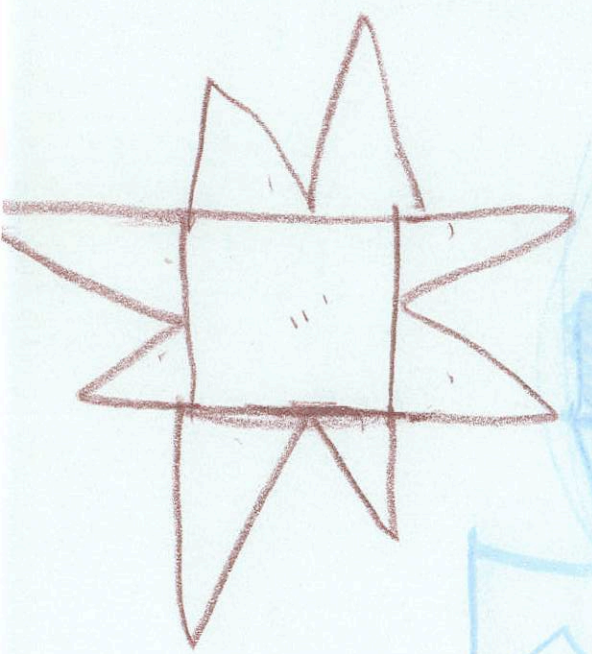
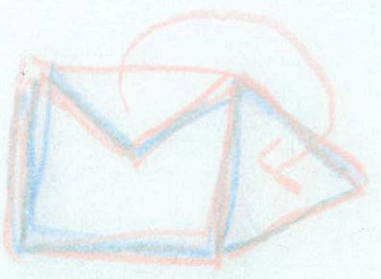
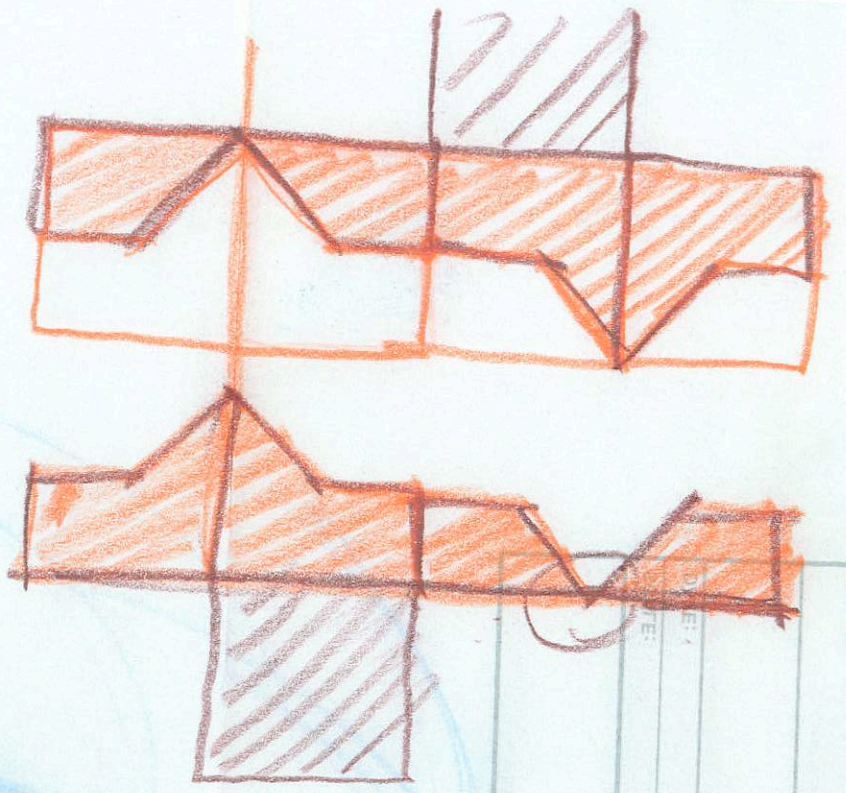


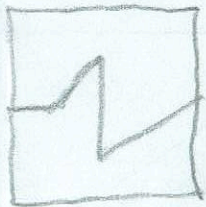
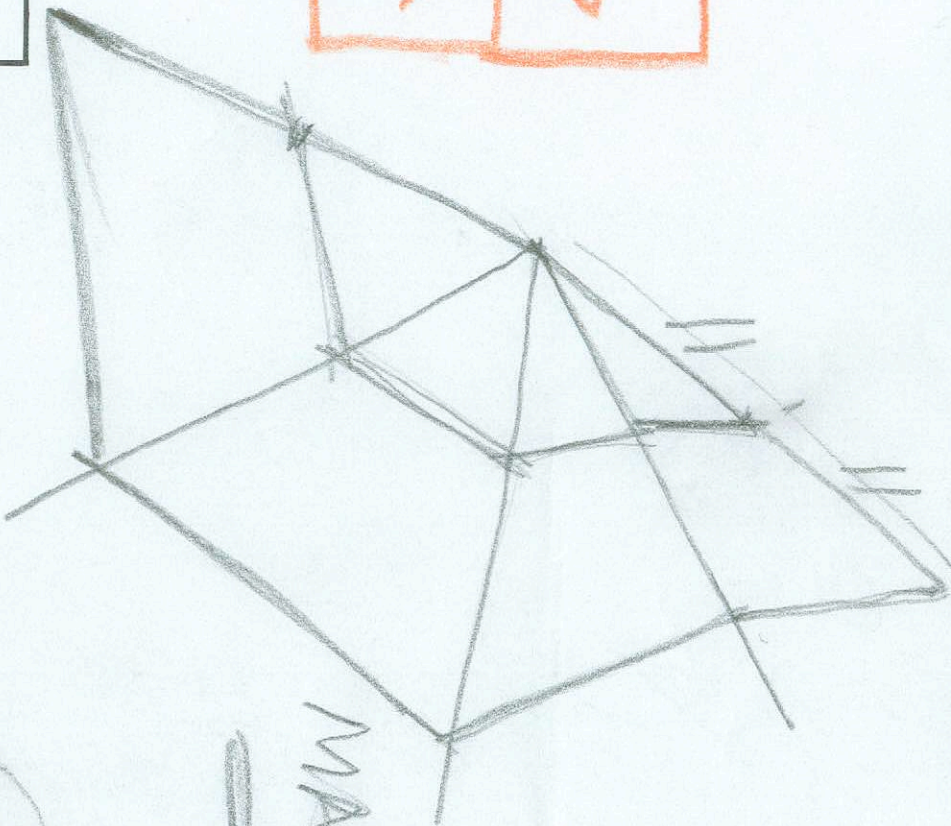
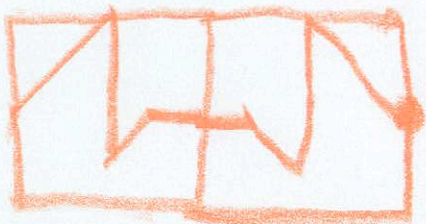
DRAWING NUMBER

72

DRAWN BY

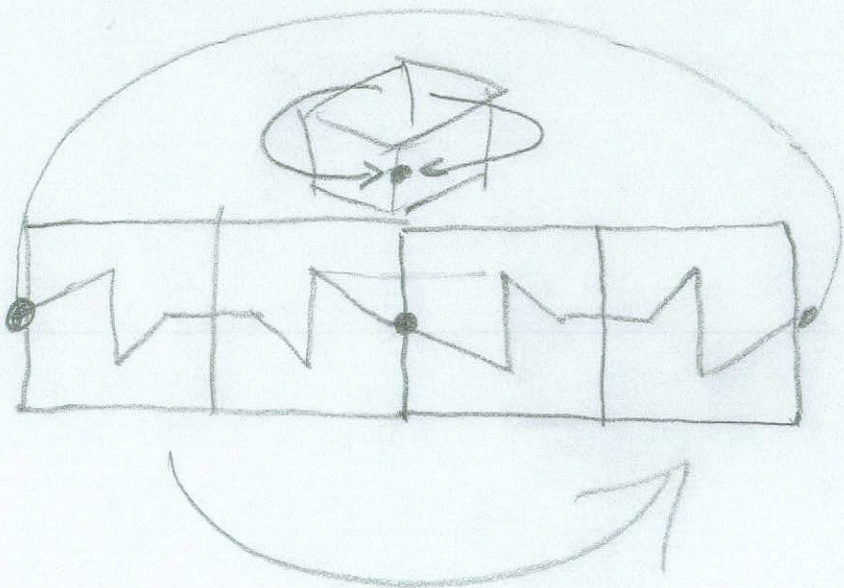
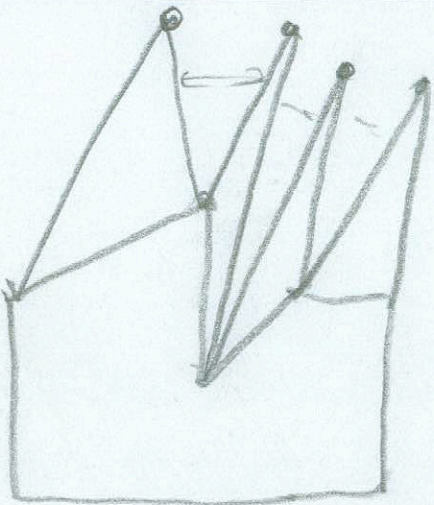
APPROVED BY





28

MASTER



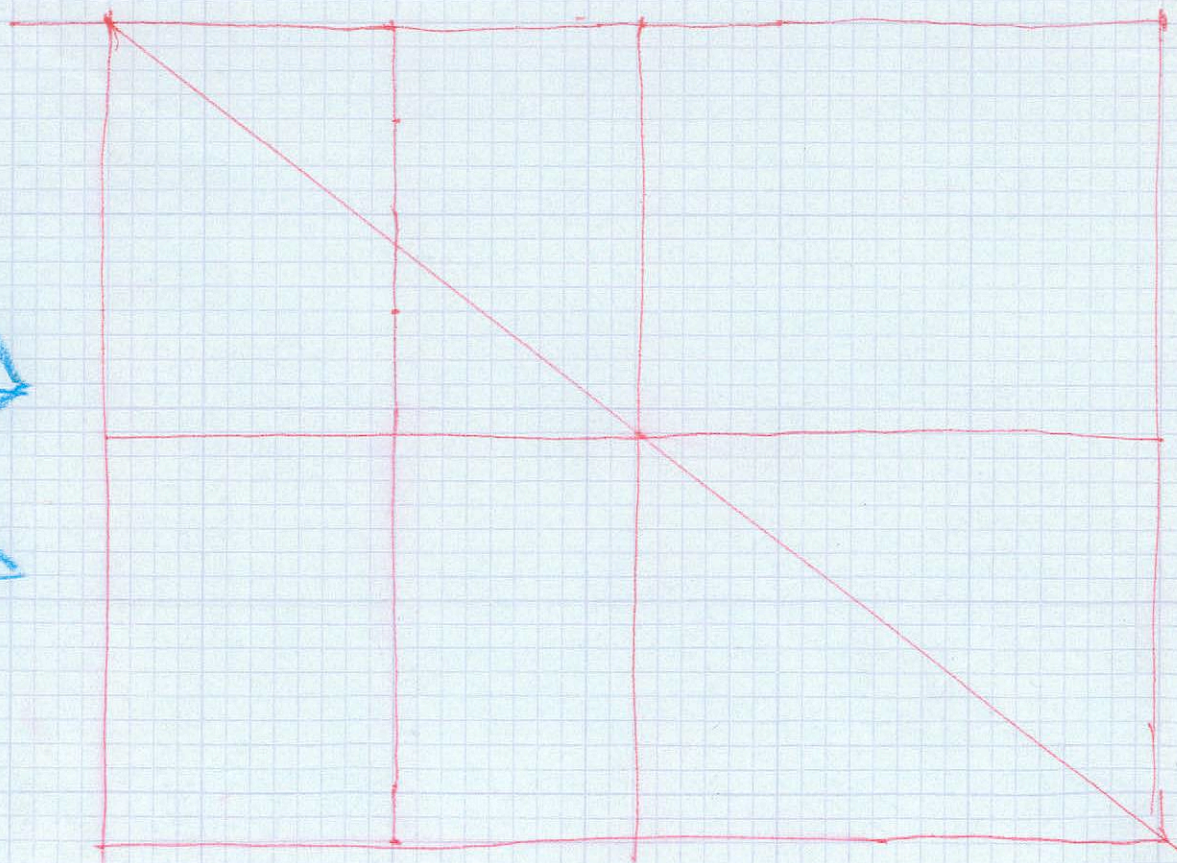
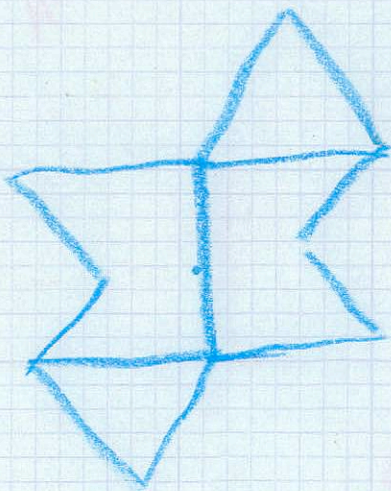
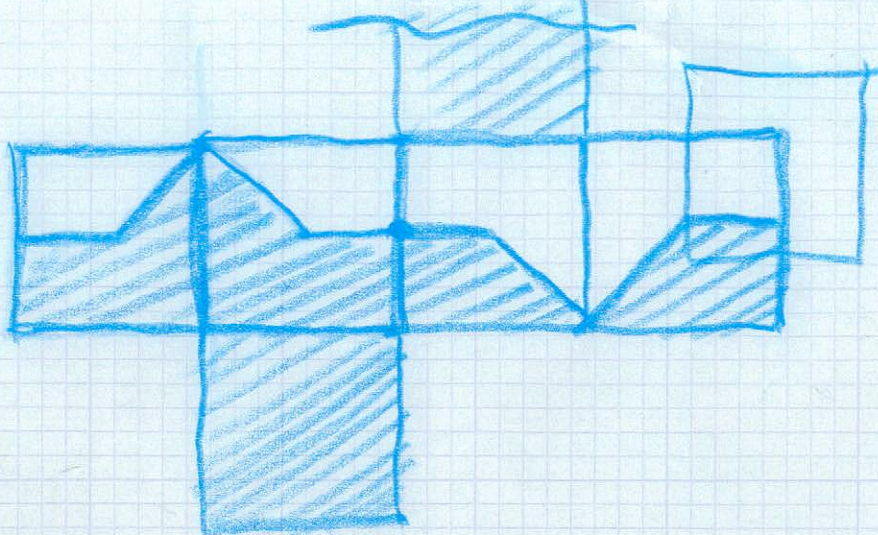
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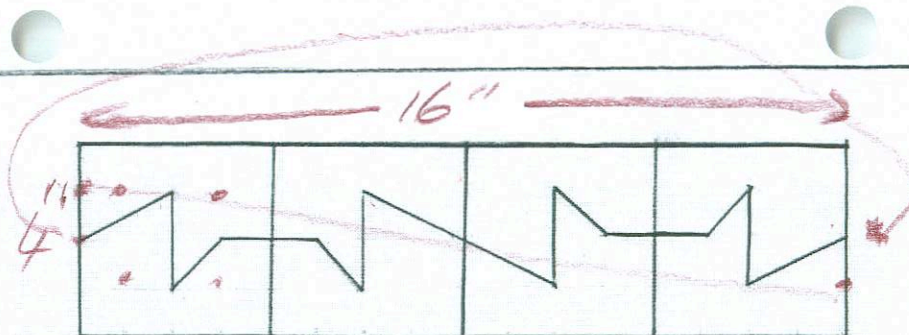
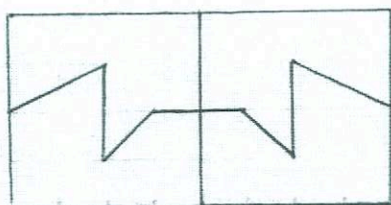
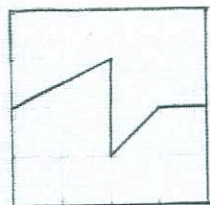
SCALE:

APPROVED BY

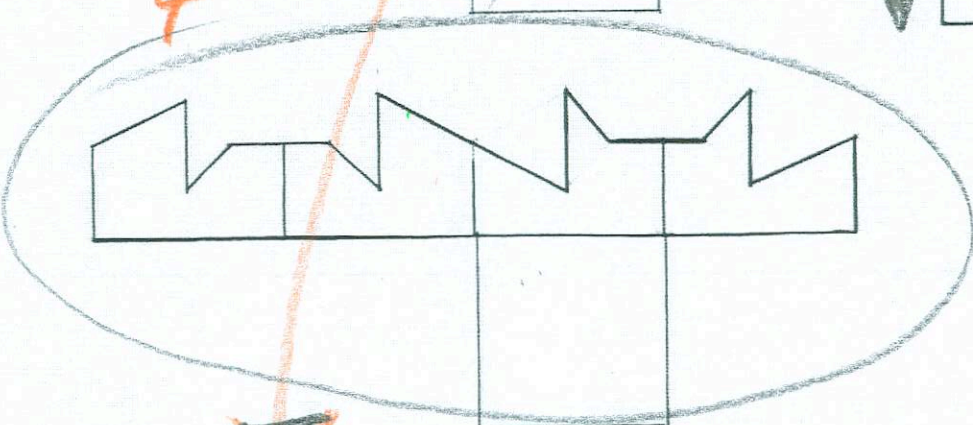
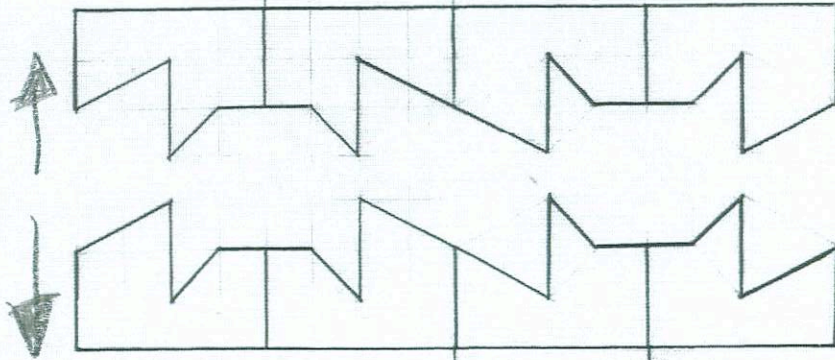
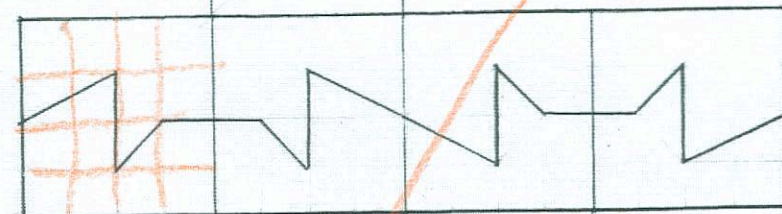
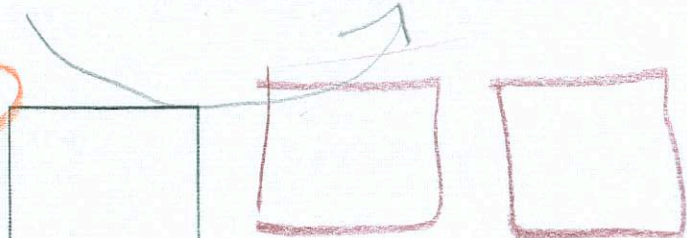
DRAWN BY

DRAWING NUMBER



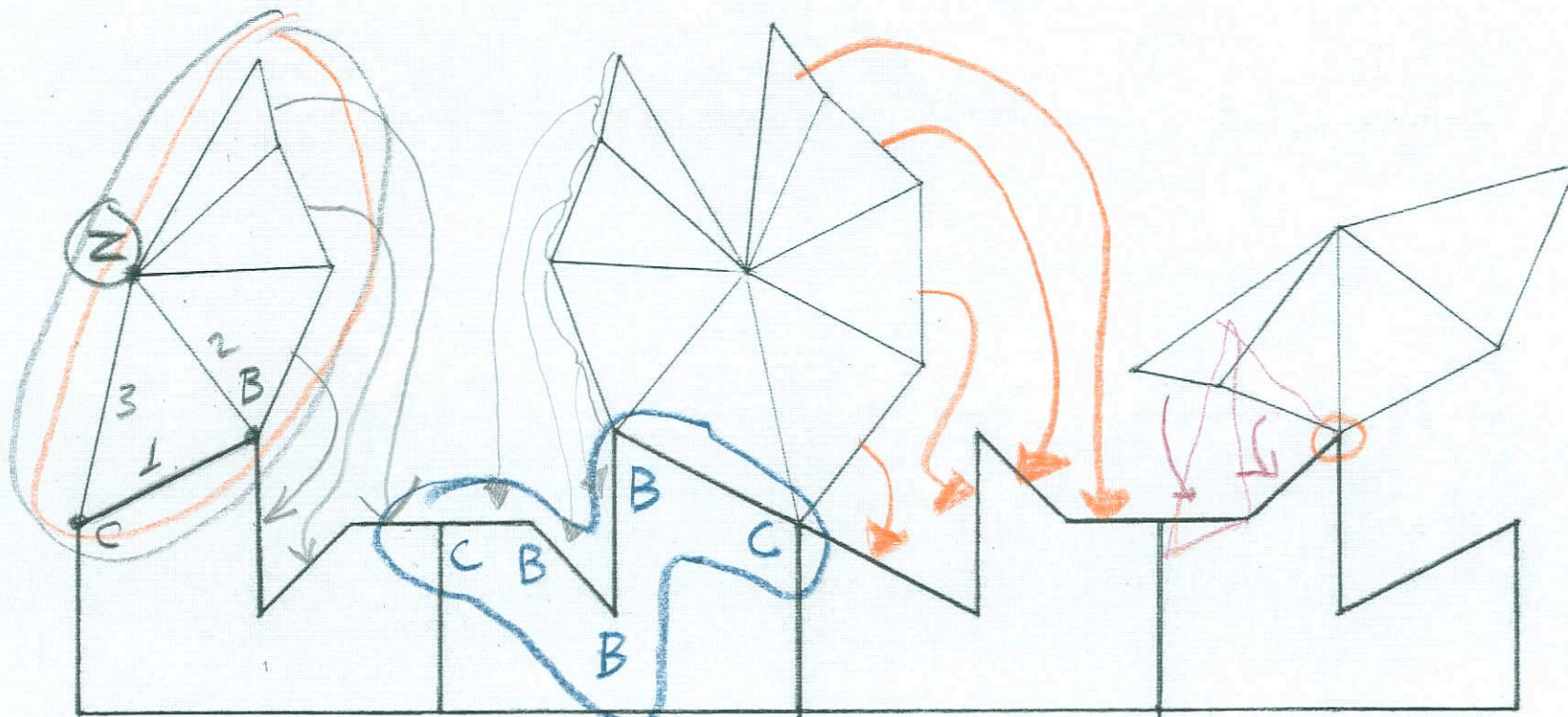


$\frac{1}{4}$ SCALE



30

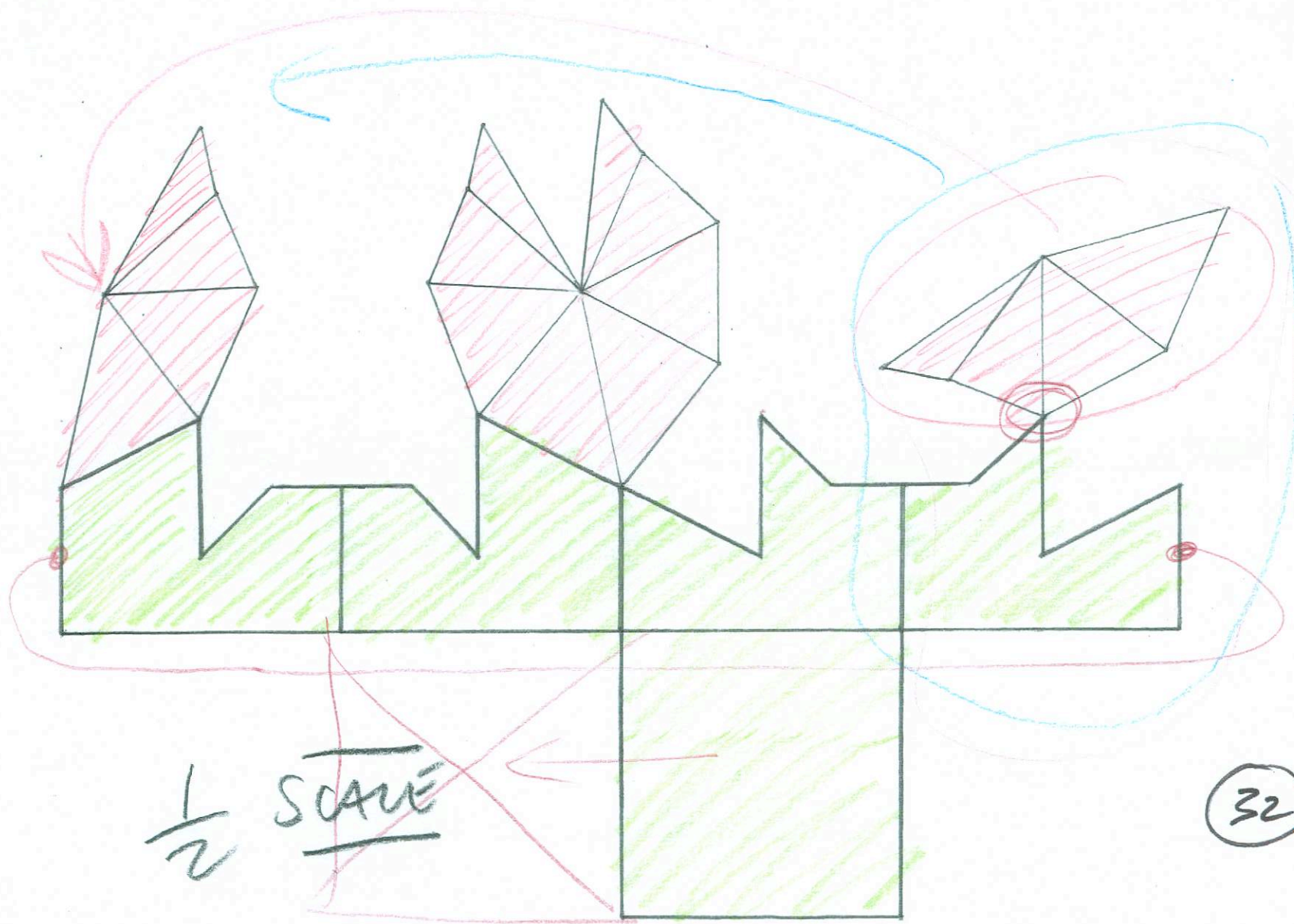
320 TROGLI	EXTERNAL TEMPLATE	JAY MOSCARDINI	04/01
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$\frac{1}{2}$ SCALE
 4"
 4"

31

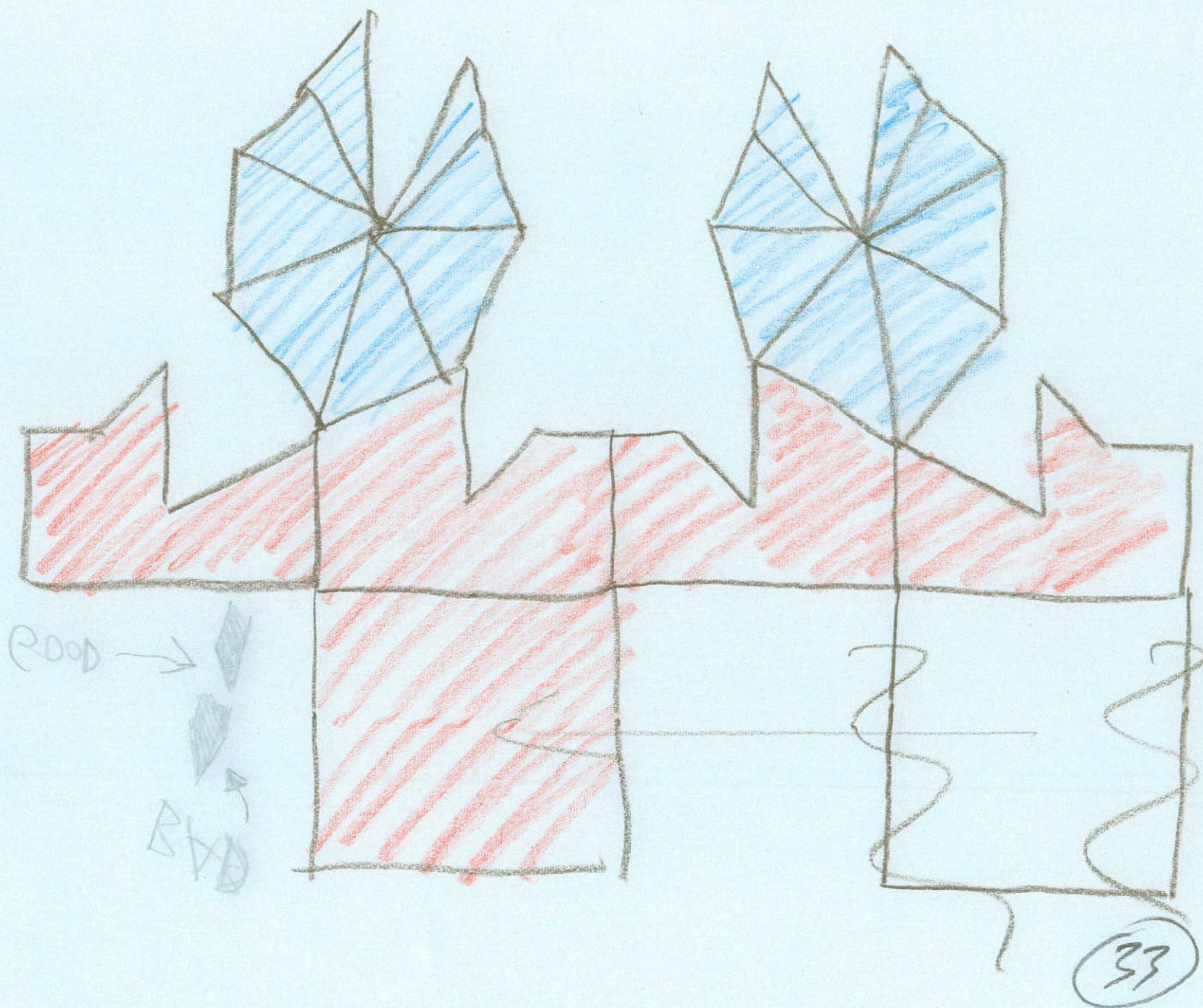
320 TROGLI	FULL TEMPLATE	JAY MOSCARDINI	04/06
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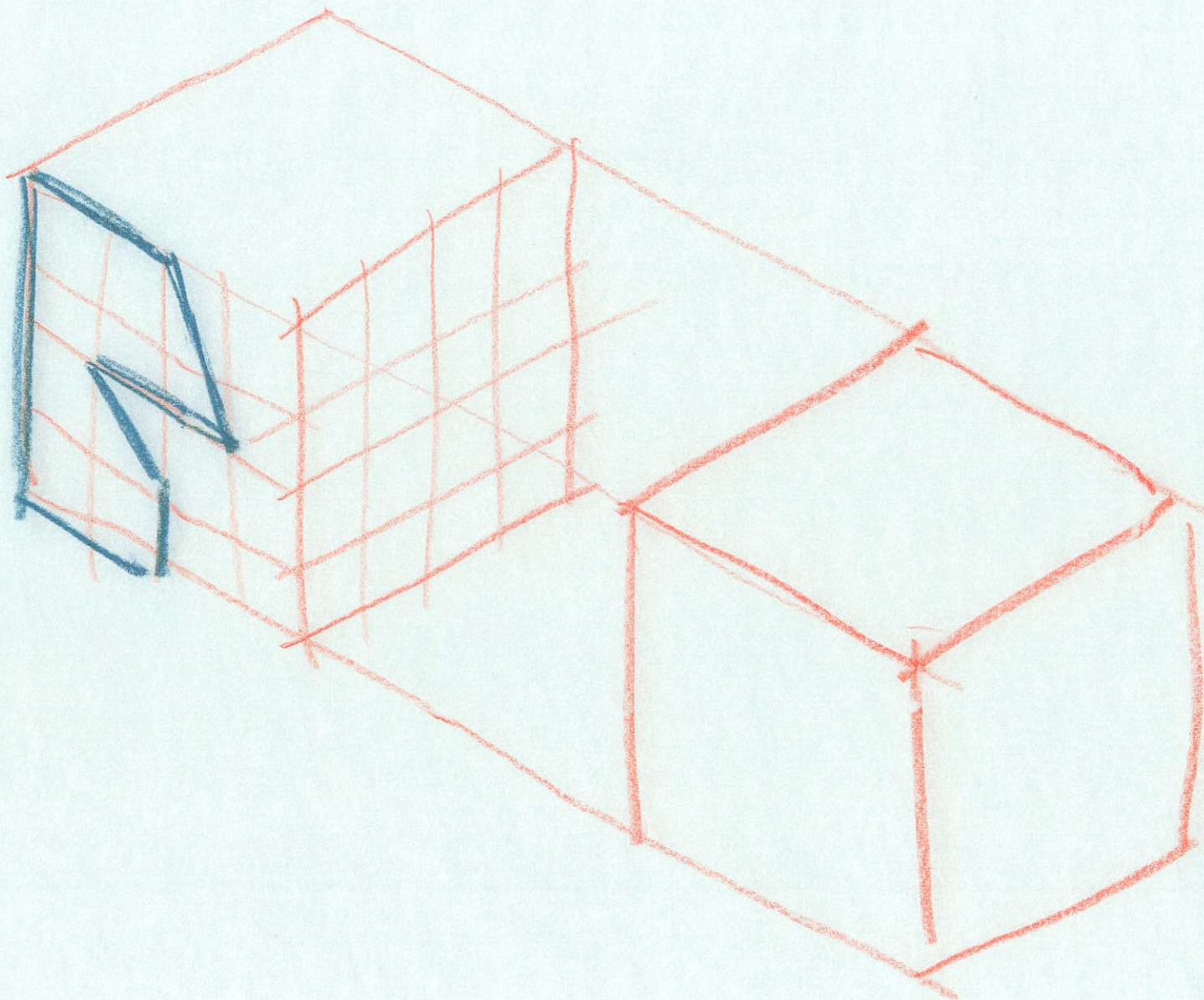


$\frac{1}{2}$ SCALE

32

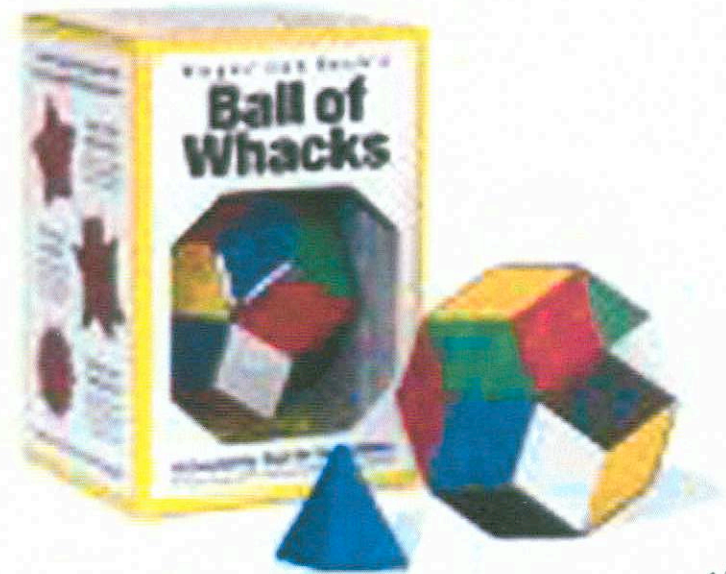
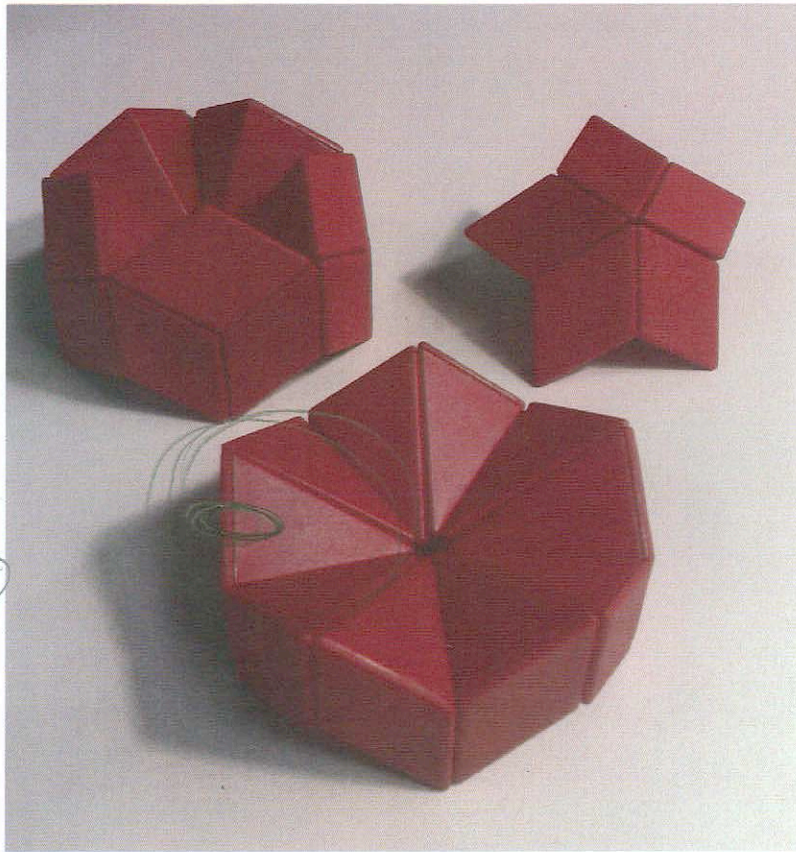
320 TROGLI	FULL TEMPLATE	JAY MOSCARDINI	04/06
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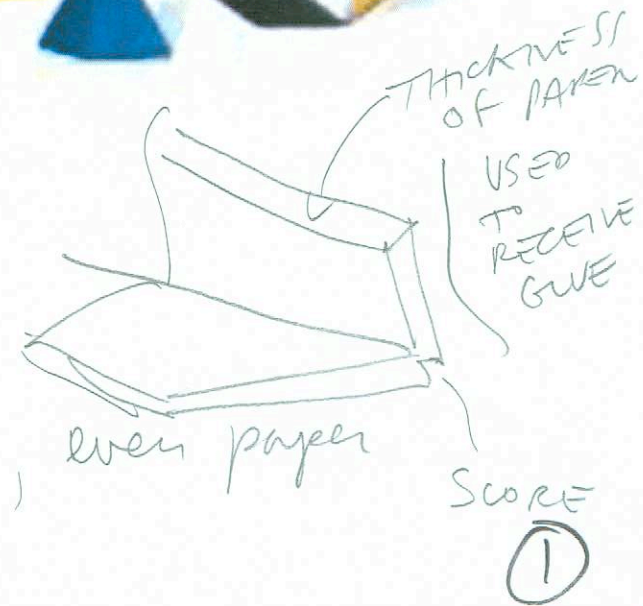


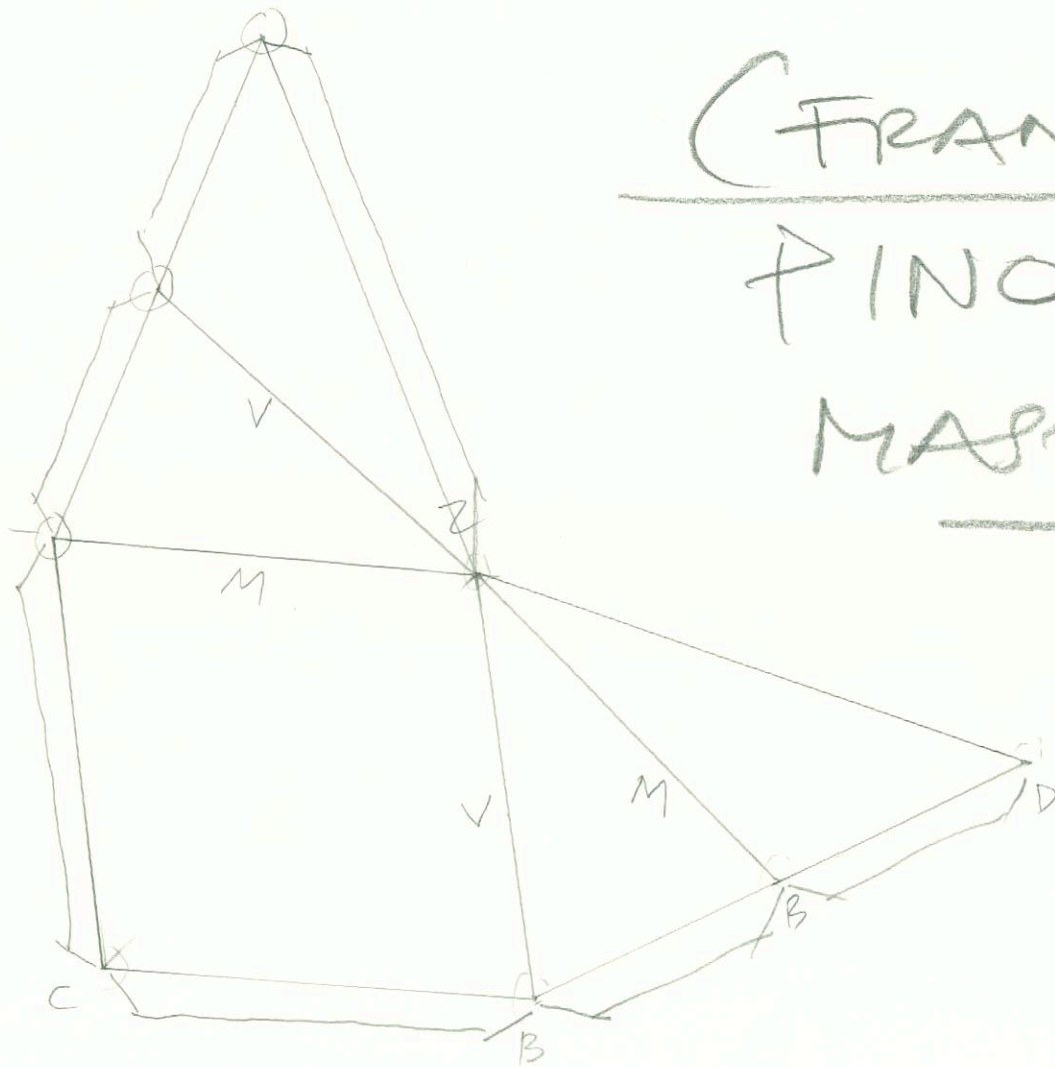
320 APRIL 14, 2010 CUBE PROJECT

Why not simply print
the cube on the 3D printer

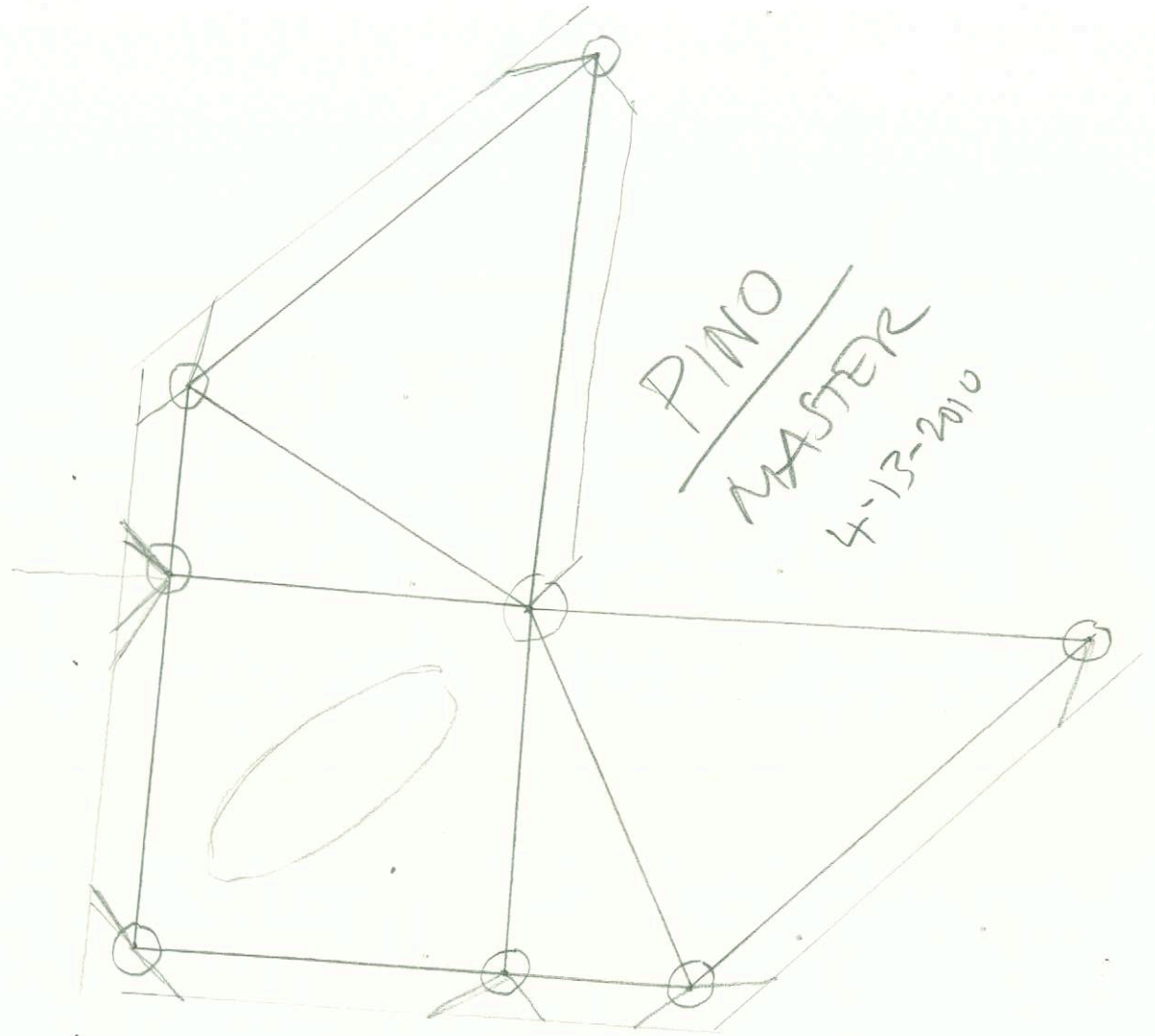


- need to insert a magnet
- Lid
- no 2D object exists (only 3D, even paper)



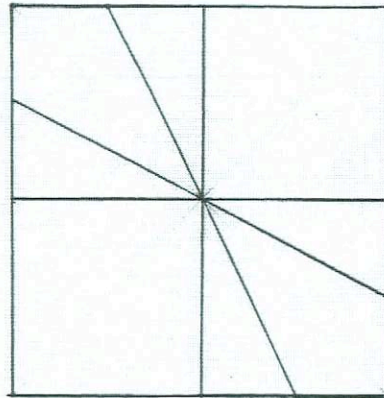


(FRANKO)
PINO
MASTER

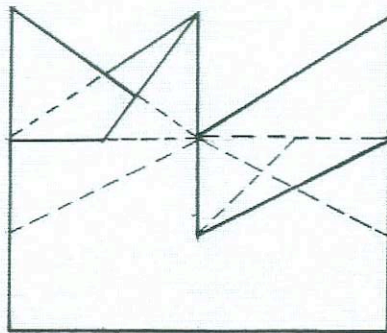


PINO
MASTER
4-13-2010

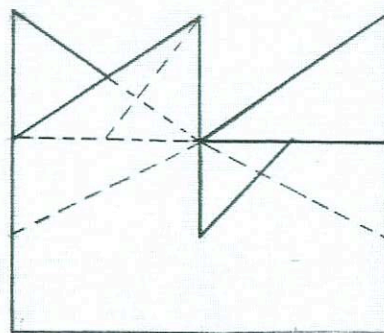
$\frac{1}{2}$ SCALE



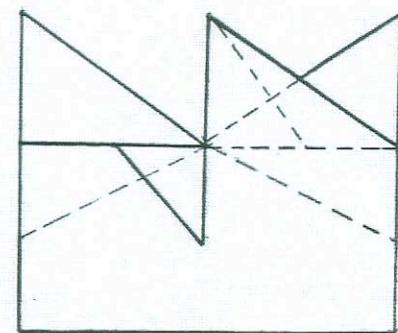
TOP



LEFT



FRONT



RIGHT

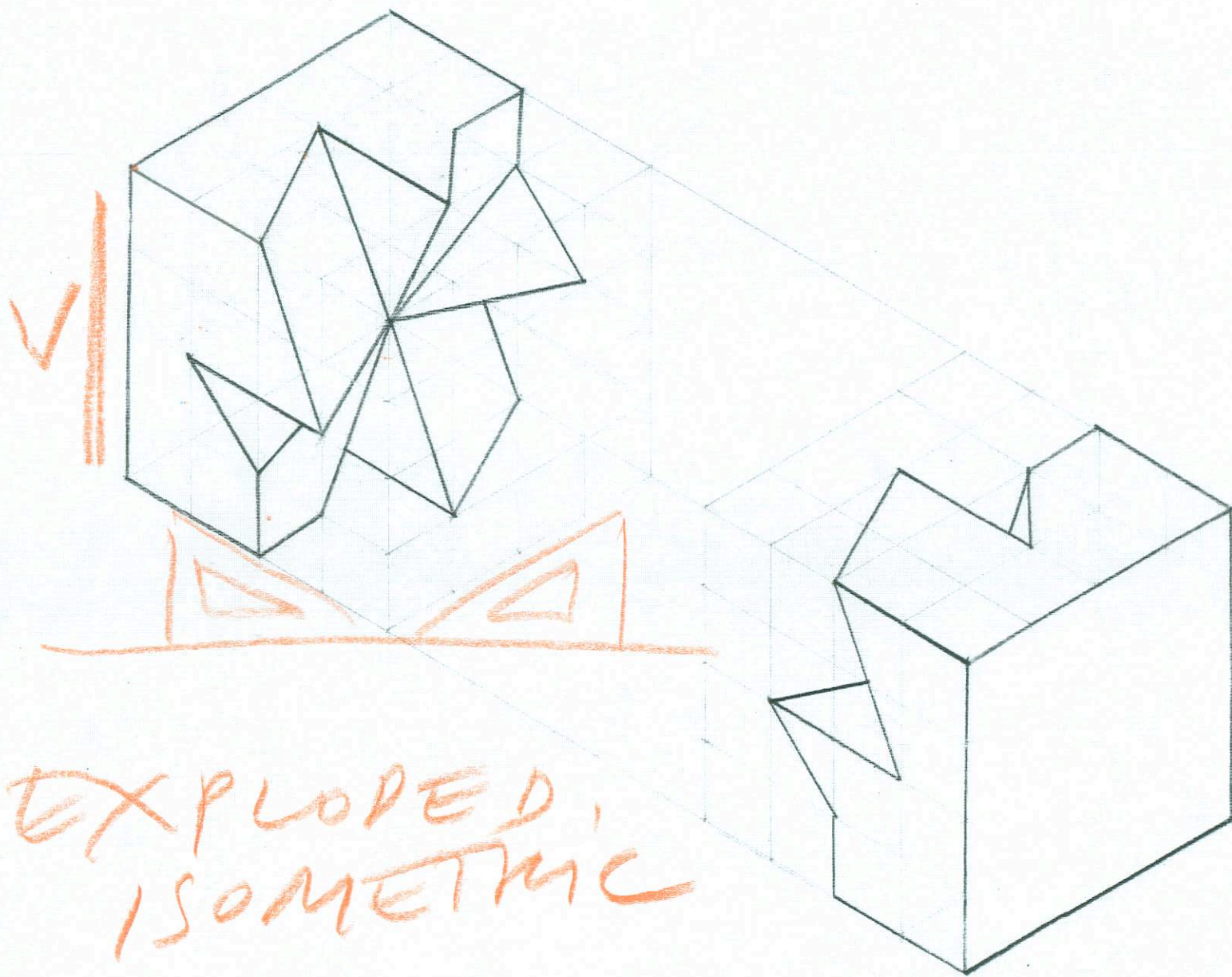
④

320 TROGU

ORTHOGRAHIC CUBE $\frac{1}{2}$ SCALE

JAY MOSCARDINI

04/08



320 TROGU

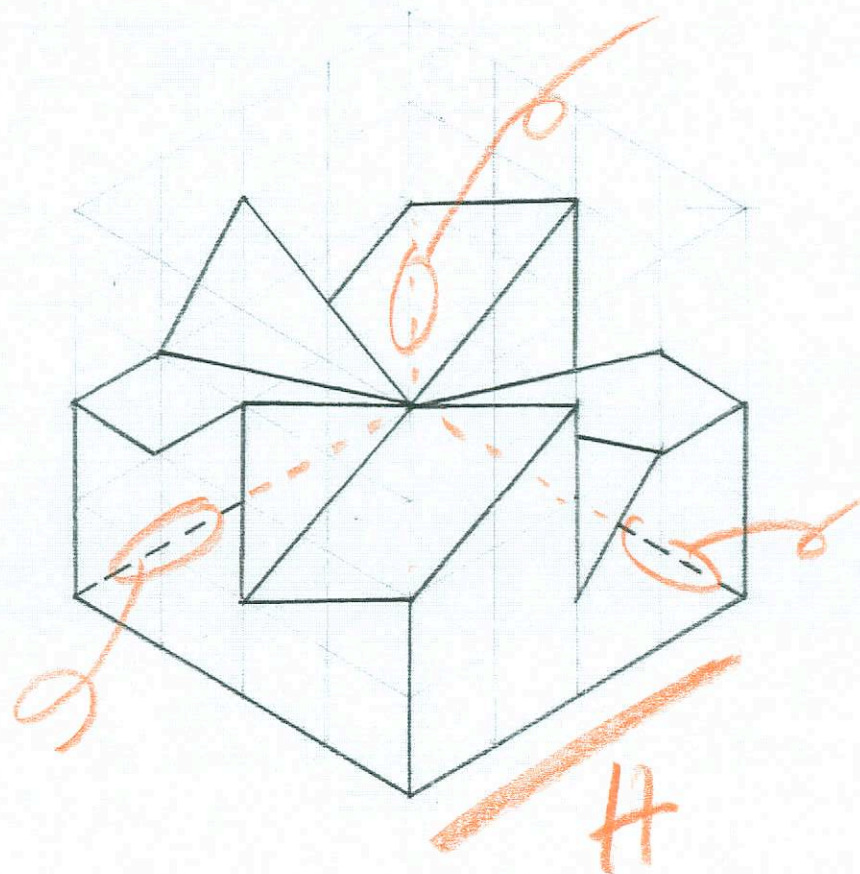
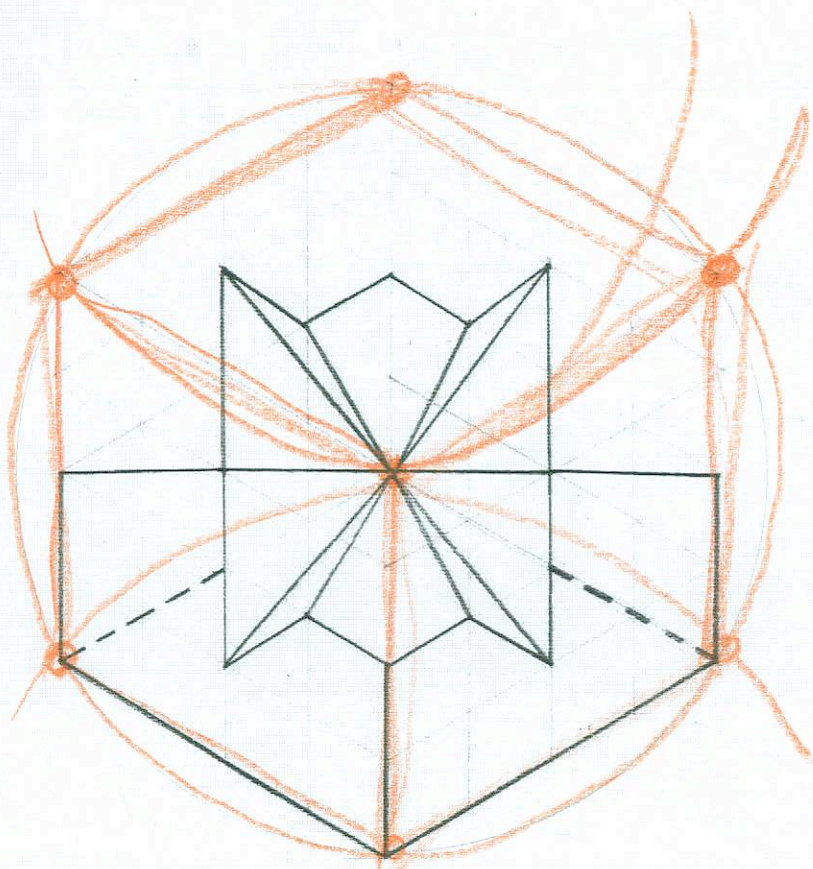
JAY MOSCARDINI

CUBE ISOMETRIC VIEW #2 1/2 SCALE

04/15

30B

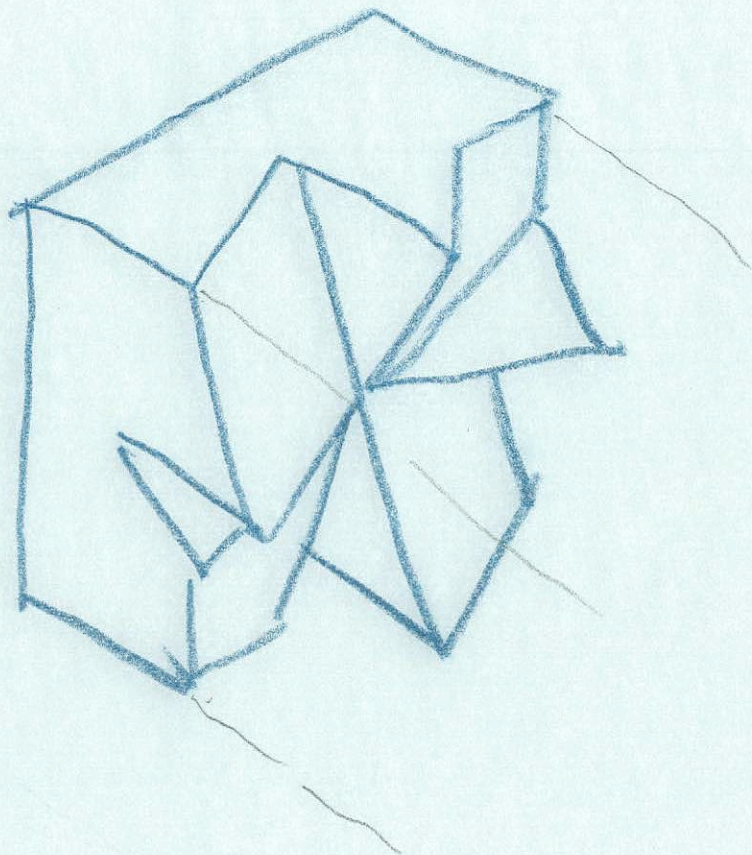
20/20 0



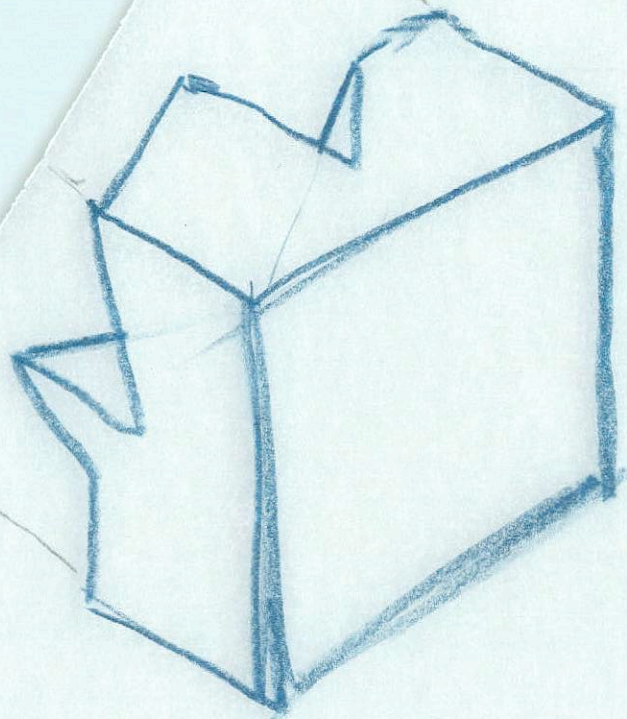
$\frac{1}{2}$ SCALE

6

320 TROGU	JAY MOSCARDINI	ISOMETRIC VIEW $\frac{1}{2}$ SCALE	04/15
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7



~~7~~
8