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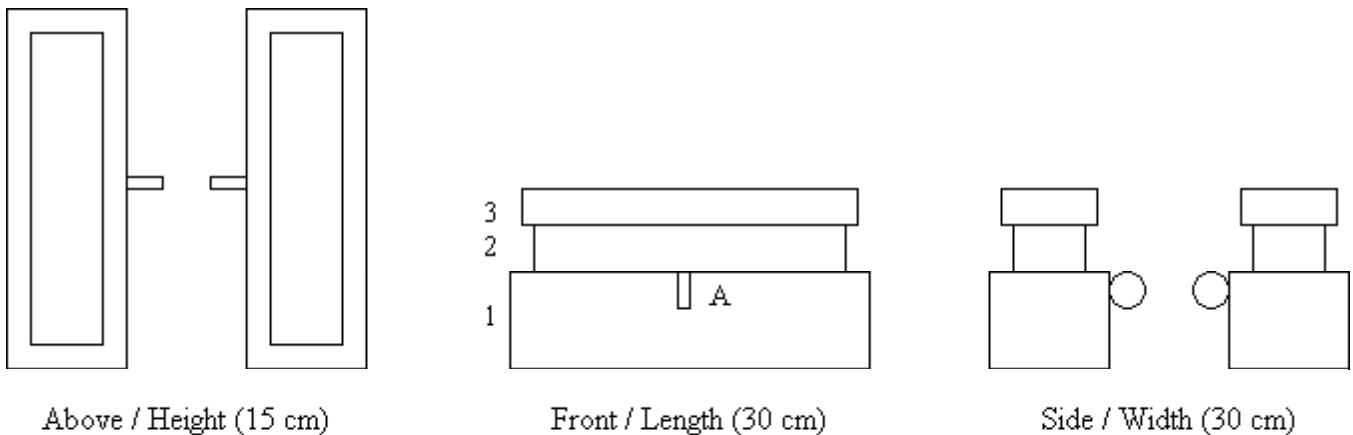
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MAYA ARCHITECTURE: Model workshop

MODEL ACTIVITY

Note: If you are not familiar with the metric system, you can convert the centimeters (cm) in inches by dividing the measurements by 2,5.

Project 1-Creating masses (beginner): Ballcourt



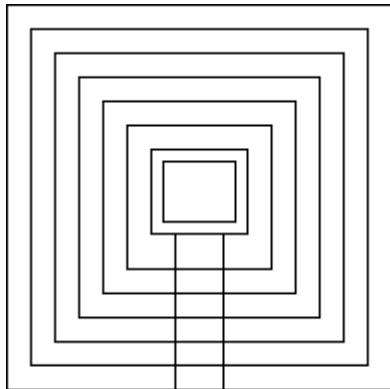
Platform x 2			
Levels	Length	Width	Height
1	30 cm	10 cm	8 cm

Ring x 2	
A	Diameter: 3 cm

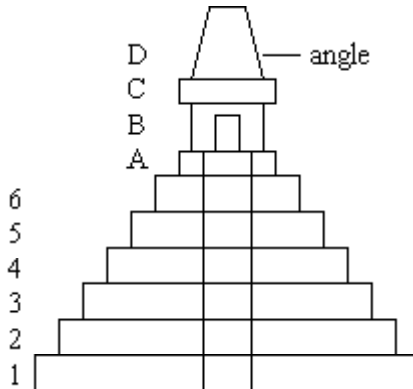
Dimensions: L=30cm, W=30cm, H=15cm

Building x 2			
Levels	Length	Width	Height
2	26 cm	6 cm	4 cm
3	28 cm	8 cm	3 cm

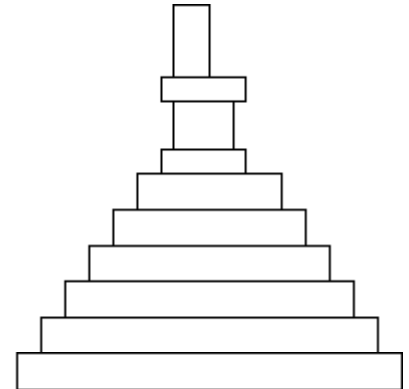
Project 2-Creating angles (intermediate): Pyramid-temple



Above / Height (32 cm)



Front / Length (32 cm)



Side / Width (32 cm)

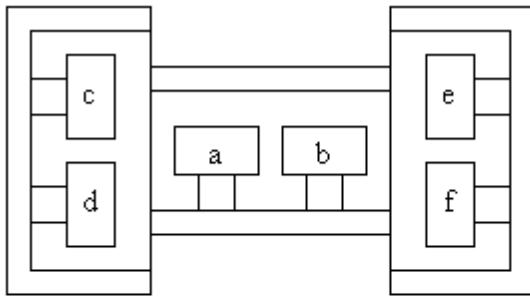
Platform			
Levels	Length	Width	Height
1	32 cm	32 cm	3 cm
2	28 cm	28 cm	3 cm
3	24 cm	24 cm	3 cm
4	20 cm	20 cm	3 cm
5	16 cm	16 cm	3 cm
6	12 cm	12 cm	3 cm

Dimensions: H=32cm, L=32cm, W=32cm

Building			
Levels	Length	Width	Height
A	8 cm	7 cm	2 cm
B	6 cm	5 cm	4 cm
C	8 cm	7 cm	2 cm
D	5 cm (80°)	3 cm	6 cm

Note: The level D requires the calculation of angles. You must subtract the angles from a rectangle.

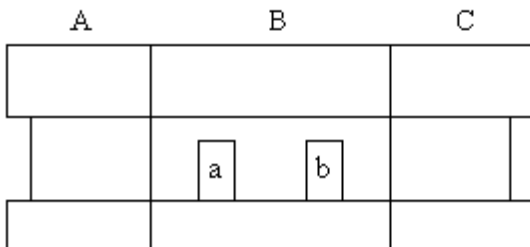
Project 3-Creating spaces (advanced): Palace



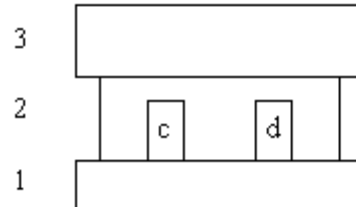
Above / Height (17 cm)

Dimensions: L=44cm, W=24cm, H=17cm

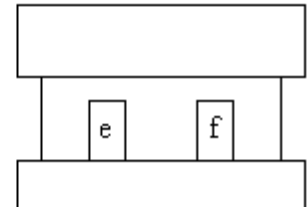
Spaces			
Rooms	Length	Width	Height
a-f	7 cm	4 cm	7 cm
Doors	Length	Width	Height
a-f	3 cm	3 cm	5 cm



Front / Length (44 cm)



Side A / Width (24 cm)



Side C / Width (24 cm)

Masses			
Levels / Sections	A (left building)	B (central building)	C (right building)
1 (platform)	L=24, W=12, H=4 cm	L=20, W=14, H=4 cm	L=24, W=12, H=4 cm
2 (walls)	L=20, W=10, H=7 cm	L=20, W=10, H=7 cm	L=20, W=10, H=7 cm
3 (roof)	L=24, W=12, H=6 cm	L=20, W=14, H=6 cm	L=24, W=12, H=6 cm

Note: The level 2 requires the assembly of walls. You must subtract the spaces from the masses to get the dimensions of the walls. Make the front and back walls, then add the lateral walls.

*Formula 1: thickness of walls = length or width of the mass - length or width of the spaces / number of walls

*Formula 2: width between doors = length of the wall - width of the doors / number of wall sections