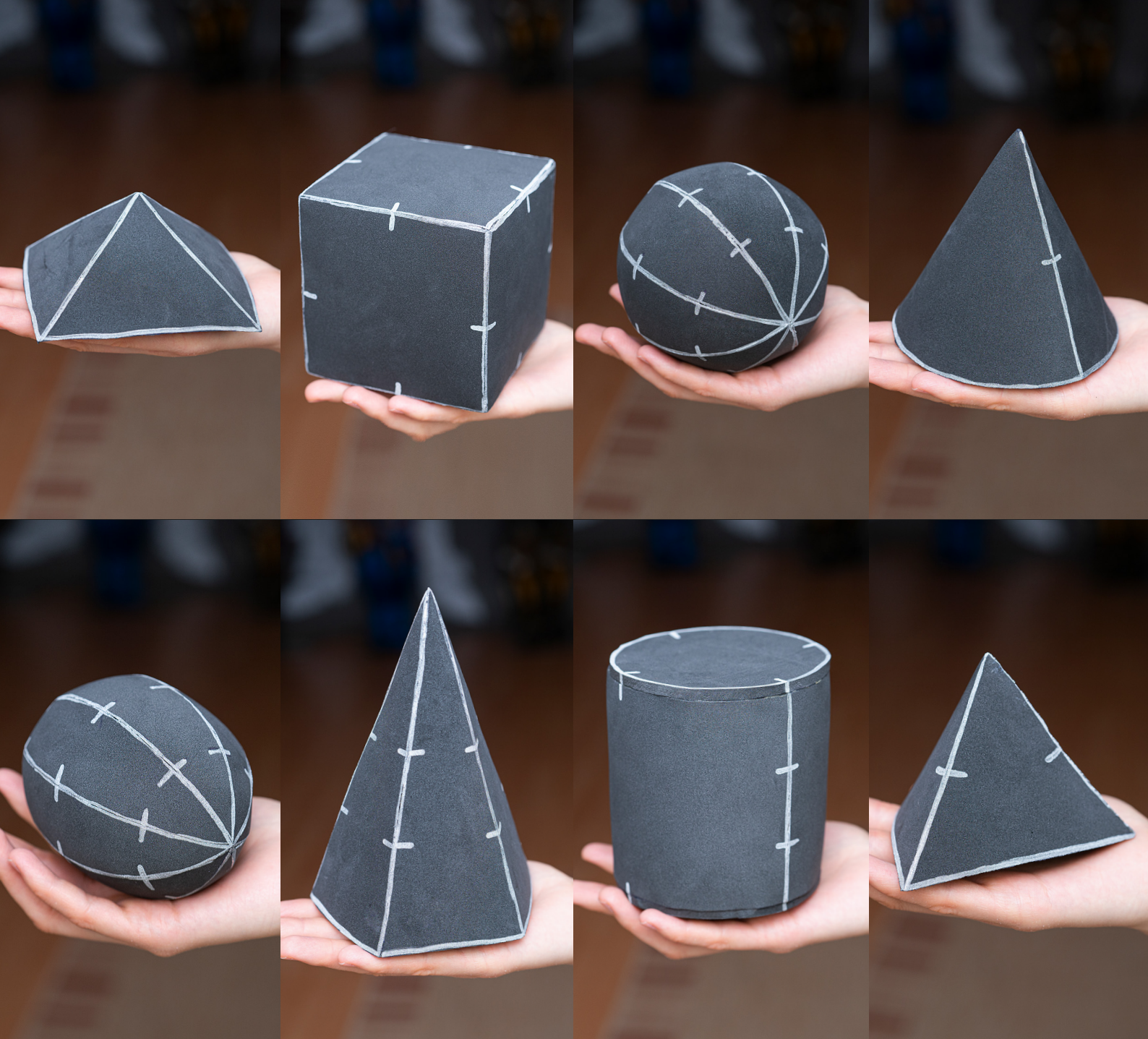




BASIC SHAPES PATTERN COLLECTION

INCLUDES 24 VARIATIONS

Basic Shapes Pattern Collection

Three Sided Pyramids



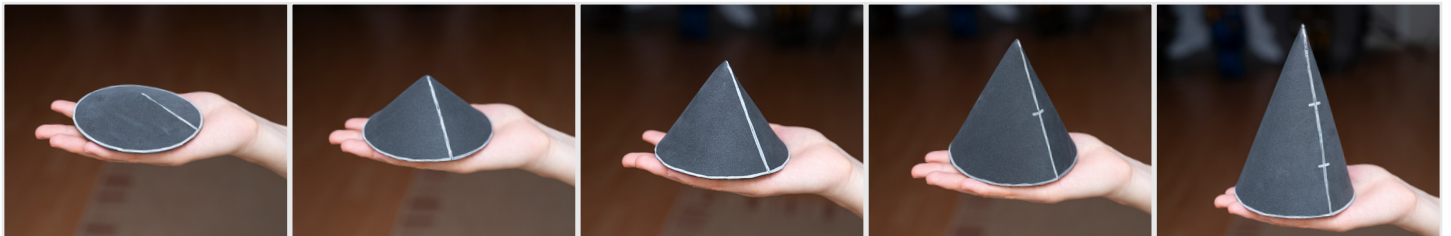
Four Sided Pyramids



Five Sided Pyramids



Cones



Cube



Cylinder



Sphere



Egg

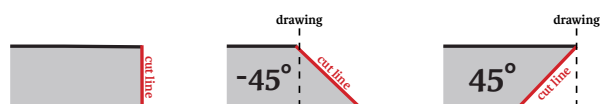


Instructions:

All patterns were made with **5mm EVA foam** and glued together with **contact cement**.

You can edit the shapes and combine them all as you like for even more variations!

Some pieces are marked with an angle of **45°** or **-45°**. Cut along these angles as shown in this side view drawing:



How to scale and print these patterns

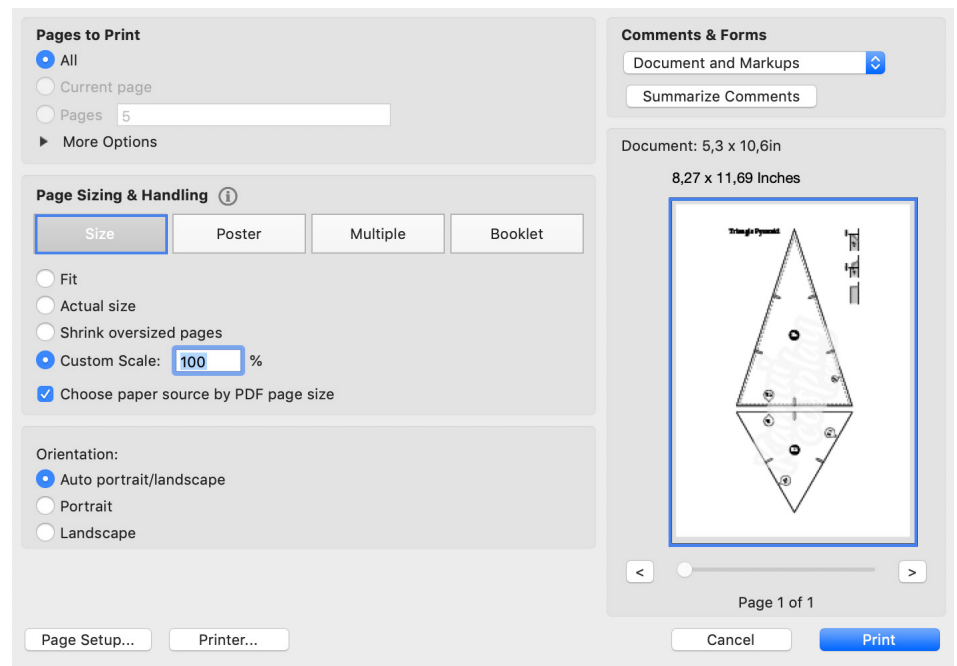
How to print:

To properly scale and print these pattern I recommend using the free [Adobe Acrobat Reader](#).

Now open the pattern collection and select **file -> print** to see the printing options.

Here you can click on **"Actual Size"** and print them at **100%**.

You can also click on **"Custom Scale"** and scale them up or down as you see fit. To the right you will see a preview of your print page.



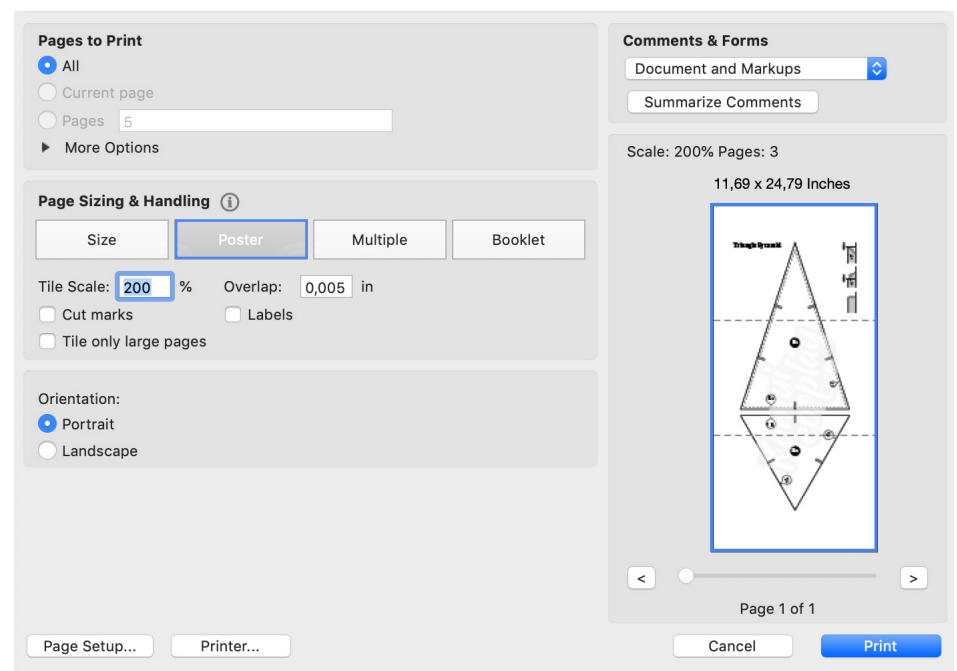
Over multiple pages:

If you set your scale too large you can see that your image would be cut off.

Instead select **"Poster Print"**.

Here you can set your **"Scale"** as large as you need and Acrobat will automatically split them over multiple printing pages.

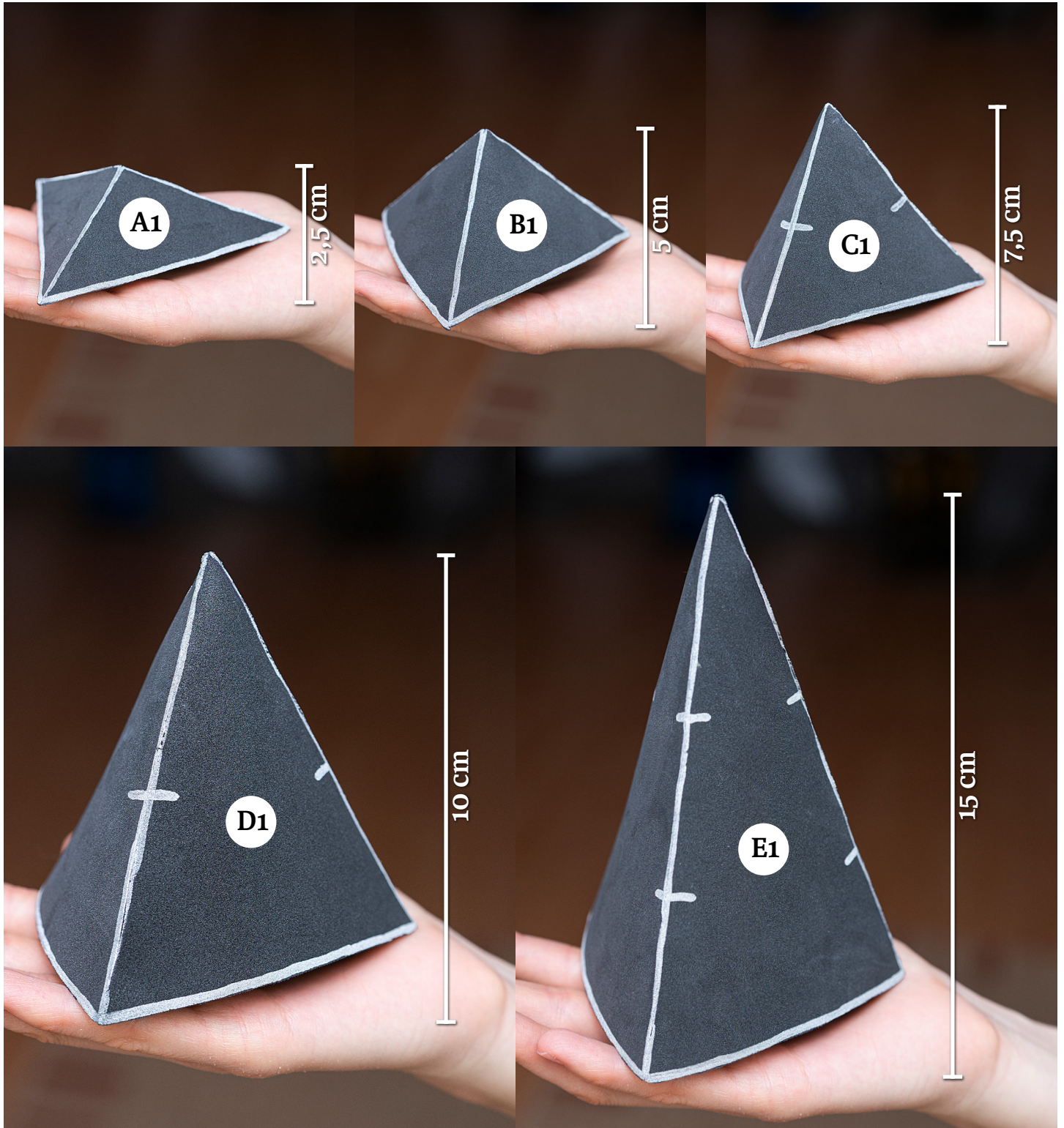
Now you can easily print them out and tape them together.



You will find scaling factors and the resulting heights on each individual shape page.

Download the (free) Adobe Acrobat Reader from: <https://get.adobe.com/reader/>

Three Sided Pyramids



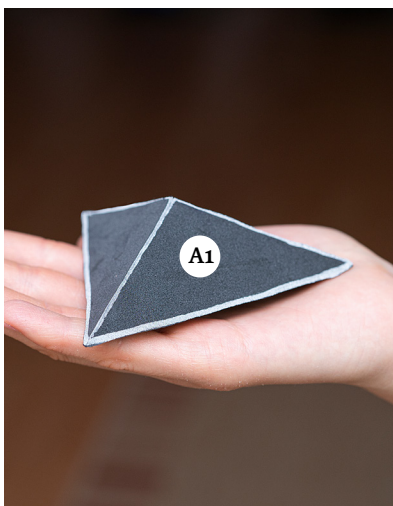
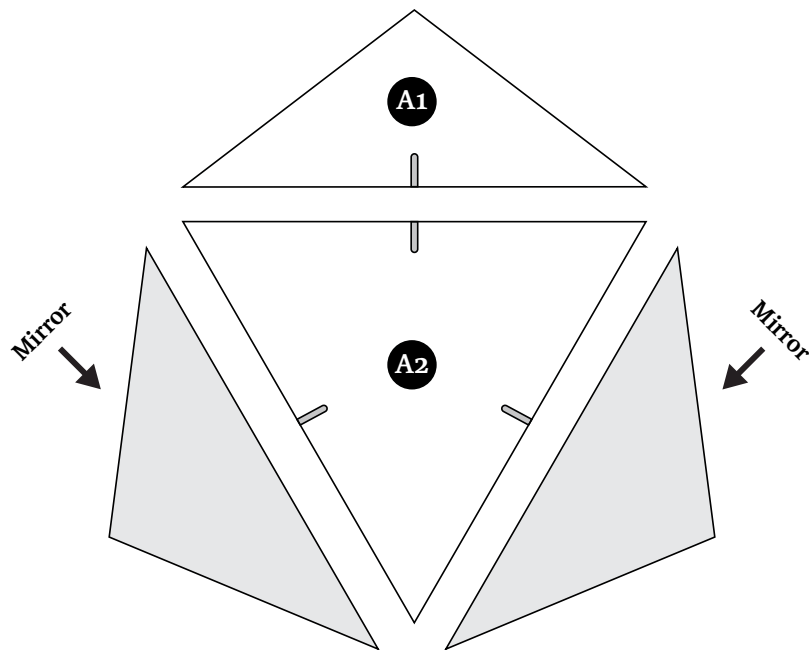
The three sided pyramid comes in 5 different angles/heights.

Bottom plates are optional and not included in the photo.

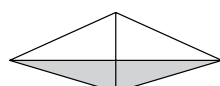
Three Sided Pyramid A

Original height: 2.5 cm

Print page 6



100% Scale. Height 2.5 cm



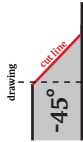
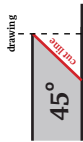
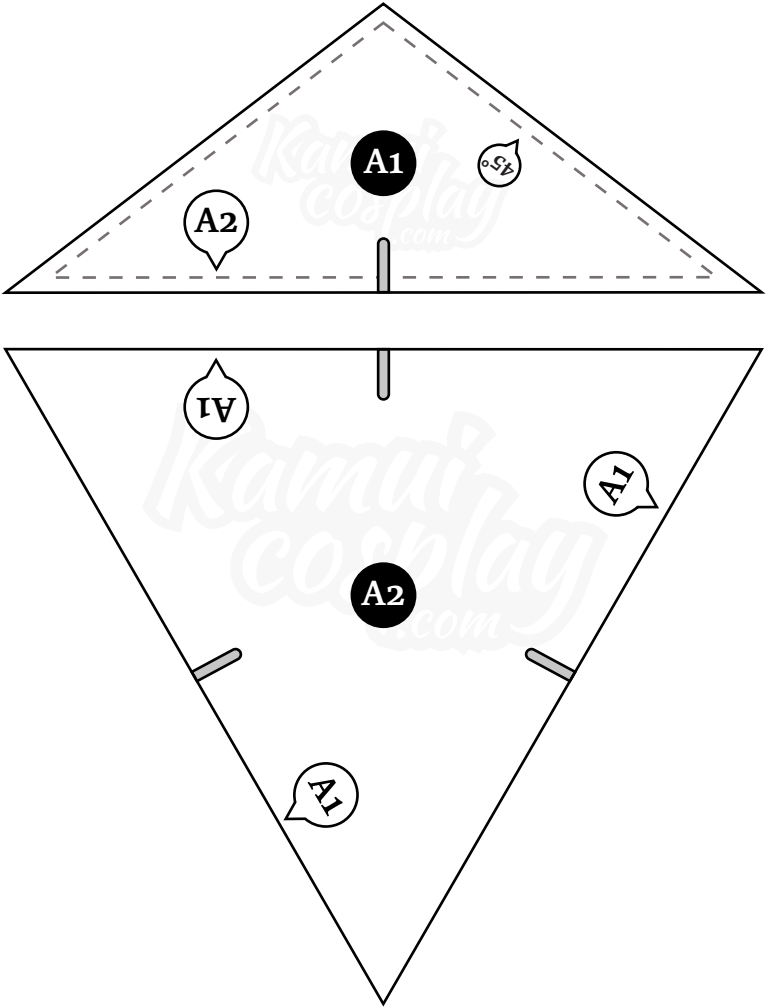
How to scale:

Every shape in this pattern collection starts at **100%**.

If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
0.5 cm	20 %	0.2 inch
1 cm	40 %	0.39 inch
1.5 cm	60 %	0.59 inch
2 cm	80 %	0.79 inch
2.5 cm	100 %	0.98 inch
3 cm	120 %	1.18 inch
4 cm	160 %	1.57 inch
5 cm	200 %	1.97 inch
6 cm	240 %	2.36 inch
7 cm	280 %	2.76 inch
8 cm	320 %	3.15 inch
9 cm	360 %	3.54 inch
10 cm	400 %	3.94 inch
12 cm	480 %	4.72 inch
14 cm	560 %	5.51 inch
16 cm	640 %	6.3 inch
18 cm	720 %	7.09 inch
20 cm	800 %	7.87 inch
25 cm	1000 %	9.84 inch
30 cm	1200 %	11.81 inch

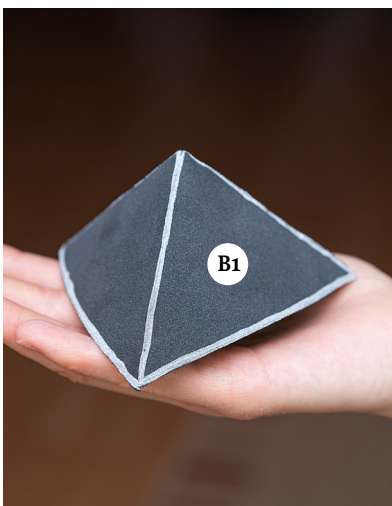
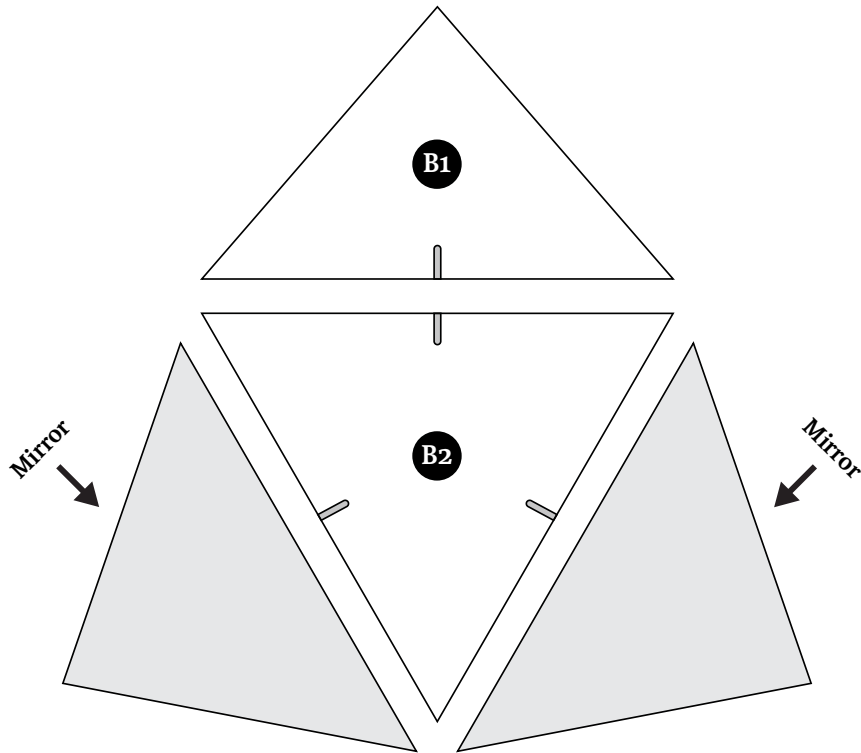
Three Sided Pyramid A



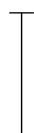
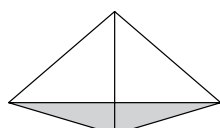
Three Sided Pyramid B

Original height: 5 cm

Print page 8



100% Scale. Height 5 cm



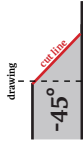
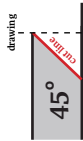
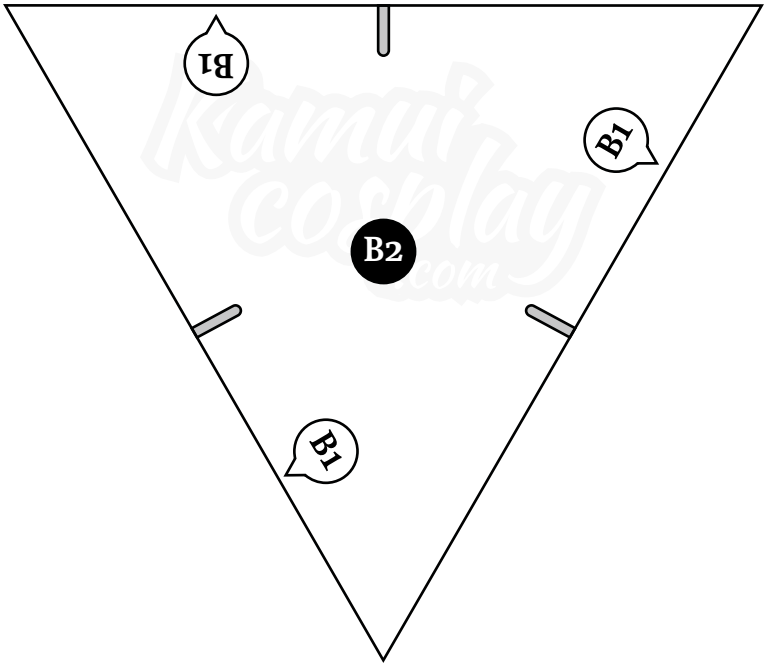
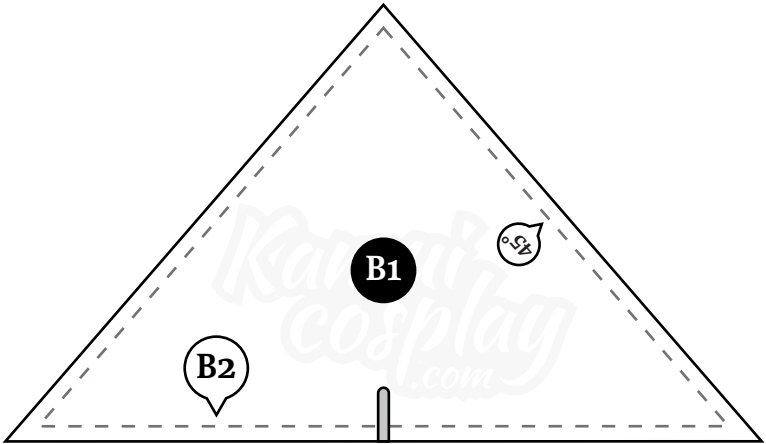
How to scale:

Every shape in this pattern collection starts at **100%**.

If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
0.5 cm	10 %	0.2 inch
1 cm	20 %	0.39 inch
1.5 cm	30 %	0.59 inch
2 cm	40 %	0.79 inch
2.5 cm	50 %	0.98 inch
3 cm	60 %	1.18 inch
4 cm	80 %	1.57 inch
5 cm	100 %	1.97 inch
6 cm	120 %	2.36 inch
7 cm	140 %	2.76 inch
8 cm	160 %	3.15 inch
9 cm	180 %	3.54 inch
10 cm	200 %	3.94 inch
12 cm	240 %	4.72 inch
14 cm	280 %	5.51 inch
16 cm	320 %	6.3 inch
18 cm	360 %	7.09 inch
20 cm	400 %	7.87 inch
25 cm	500 %	9.84 inch
30 cm	600 %	11.81 inch

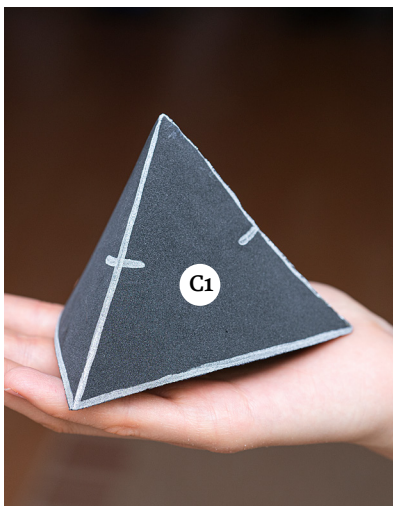
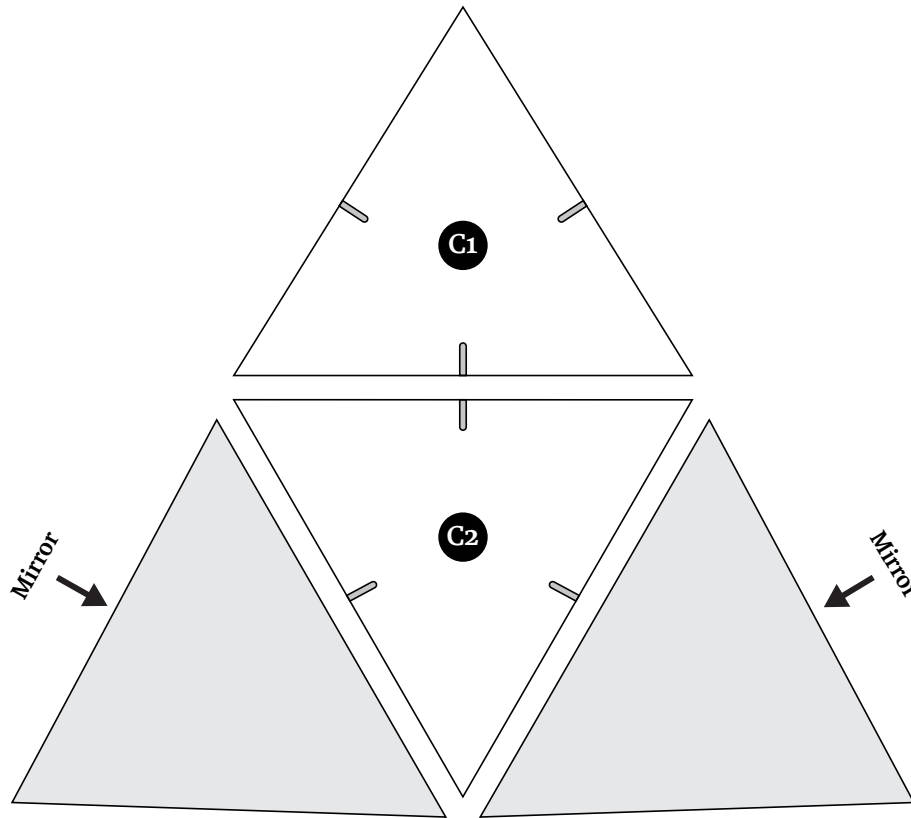
Three Sided Pyramid B



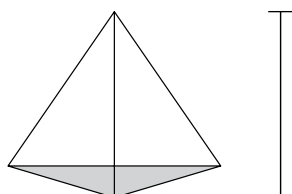
Three Sided Pyramid C

Original height: 7.5 cm

Print page 10



100% Scale. Height 7.5 cm



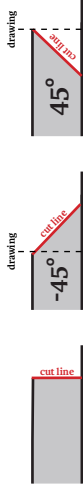
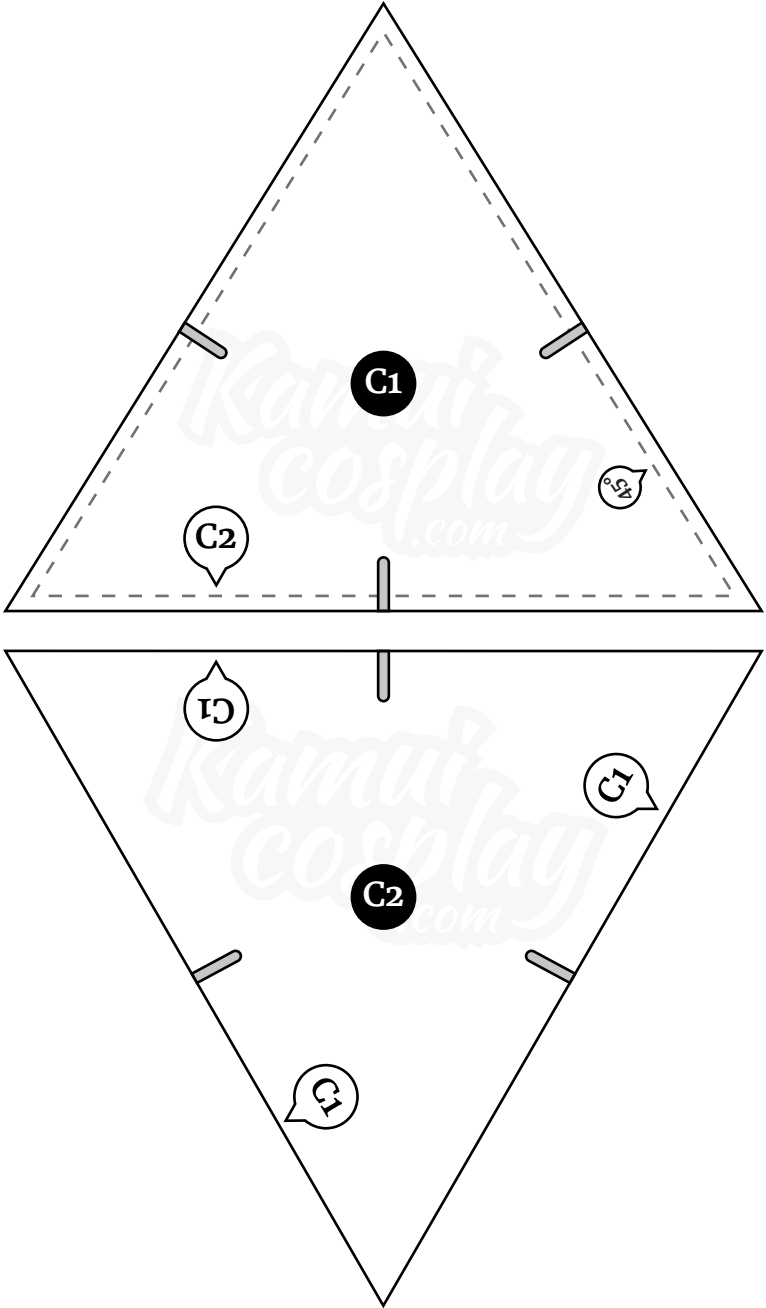
How to scale:

Every shape in this pattern collection starts at **100%**.

If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
0.5 cm	6.7 %	0.2 inch
1 cm	13.4 %	0.39 inch
1.5 cm	20 %	0.59 inch
2 cm	26.7 %	0.79 inch
2.5 cm	33.3 %	0.98 inch
3 cm	40 %	1.18 inch
4 cm	53.3 %	1.57 inch
5 cm	66.6 %	1.97 inch
6 cm	80 %	2.36 inch
7.5 cm	100 %	2.95 inch
8 cm	106.6 %	3.15 inch
9 cm	120 %	3.54 inch
10 cm	134 %	3.94 inch
12 cm	160 %	4.72 inch
14 cm	186 %	5.51 inch
16 cm	213 %	6.3 inch
18 cm	240 %	7.09 inch
20 cm	266 %	7.87 inch
25 cm	334 %	9.84 inch
30 cm	400 %	11.81 inch

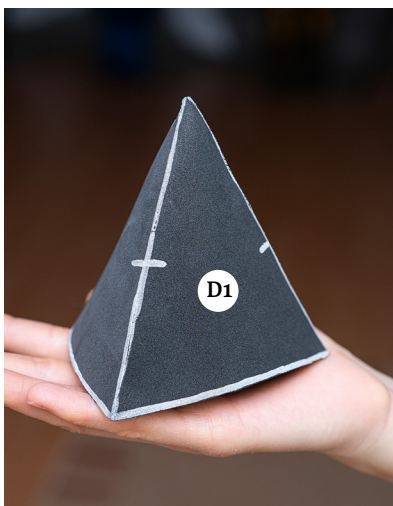
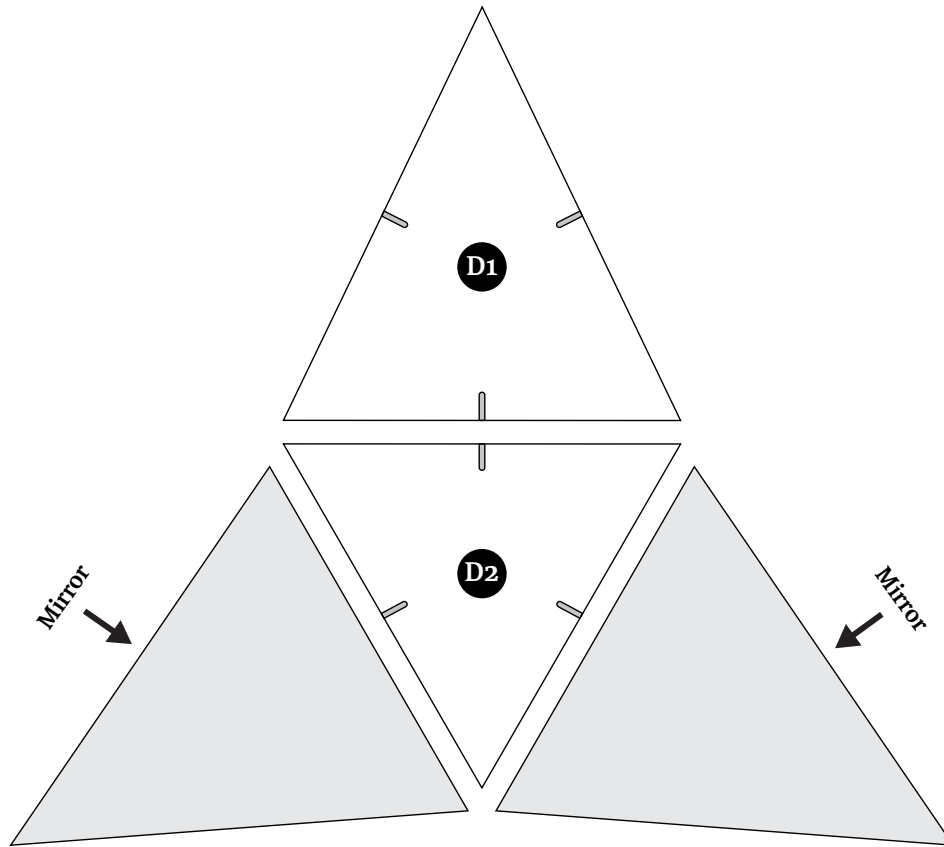
Three Sided Pyramid C



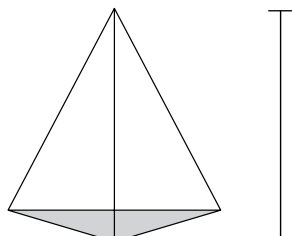
Three Sided Pyramid D

Original height: 10 cm

Print page 12



100% Scale. Height 10 cm



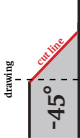
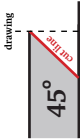
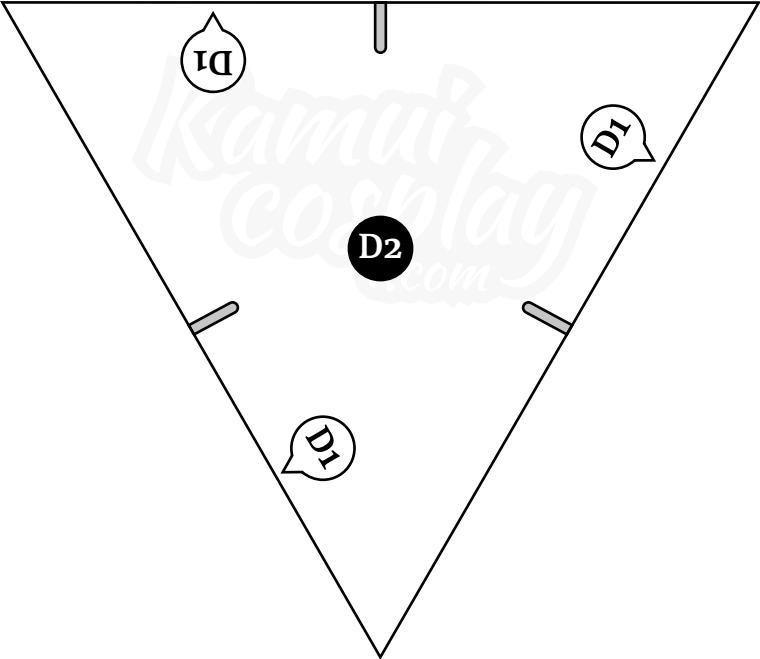
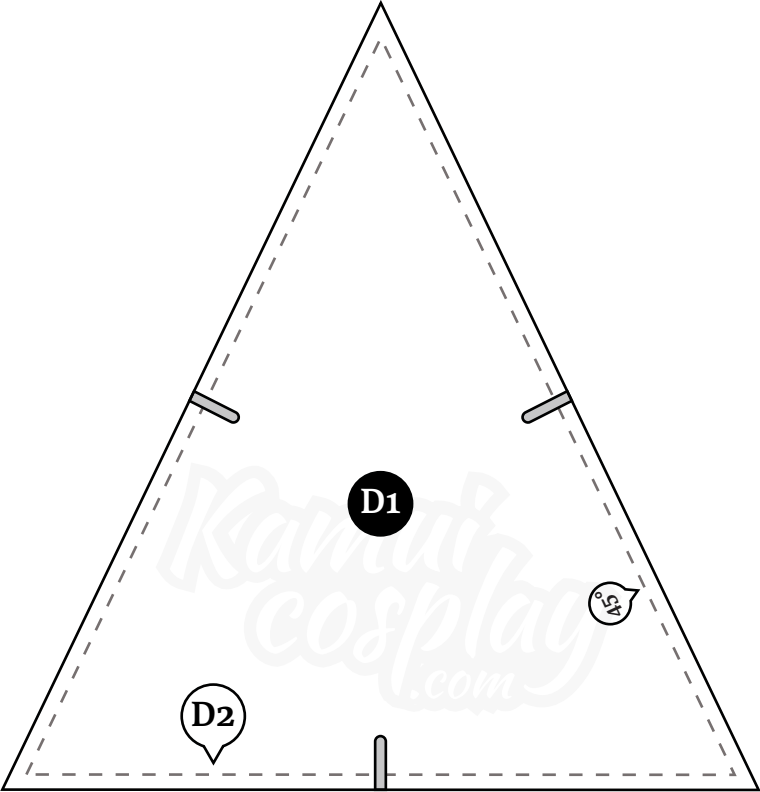
How to scale:

Every shape in this pattern collection starts at **100%**.

If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
0.5 cm	5 %	0.2 inch
1 cm	10 %	0.39 inch
1.5 cm	15 %	0.59 inch
2 cm	20 %	0.79 inch
2.5 cm	25 %	0.98 inch
3 cm	30 %	1.18 inch
4 cm	40 %	1.57 inch
5 cm	50 %	1.97 inch
6 cm	60 %	2.36 inch
7 cm	70 %	2.76 inch
8 cm	80 %	3.15 inch
9 cm	90 %	3.54 inch
10 cm	100 %	3.94 inch
12 cm	120 %	4.72 inch
14 cm	140 %	5.51 inch
16 cm	160 %	6.3 inch
18 cm	180 %	7.09 inch
20 cm	200 %	7.87 inch
25 cm	250 %	9.84 inch
30 cm	300 %	11.81 inch

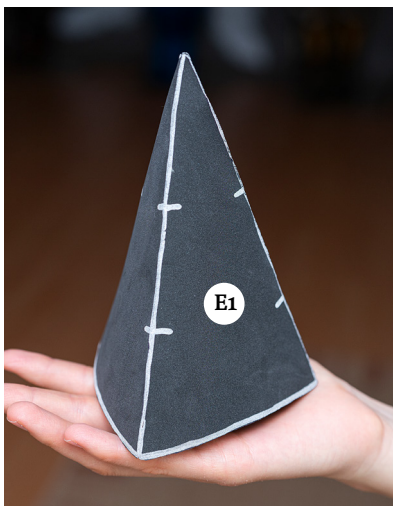
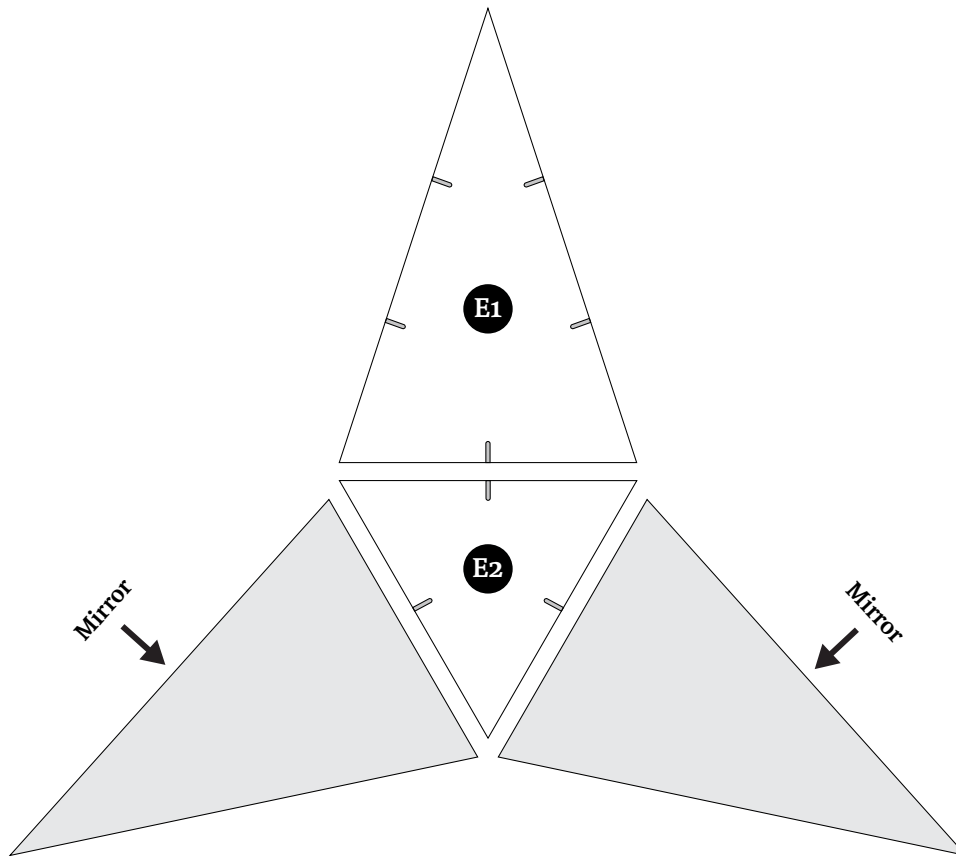
Three Sided Pyramid D



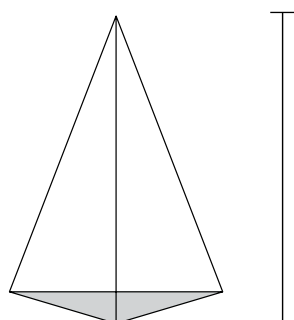
Three Sided Pyramid E

Original height: 15 cm

Print page 14



100% Scale. Height 15 cm



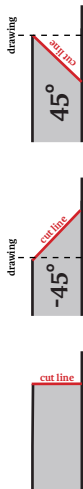
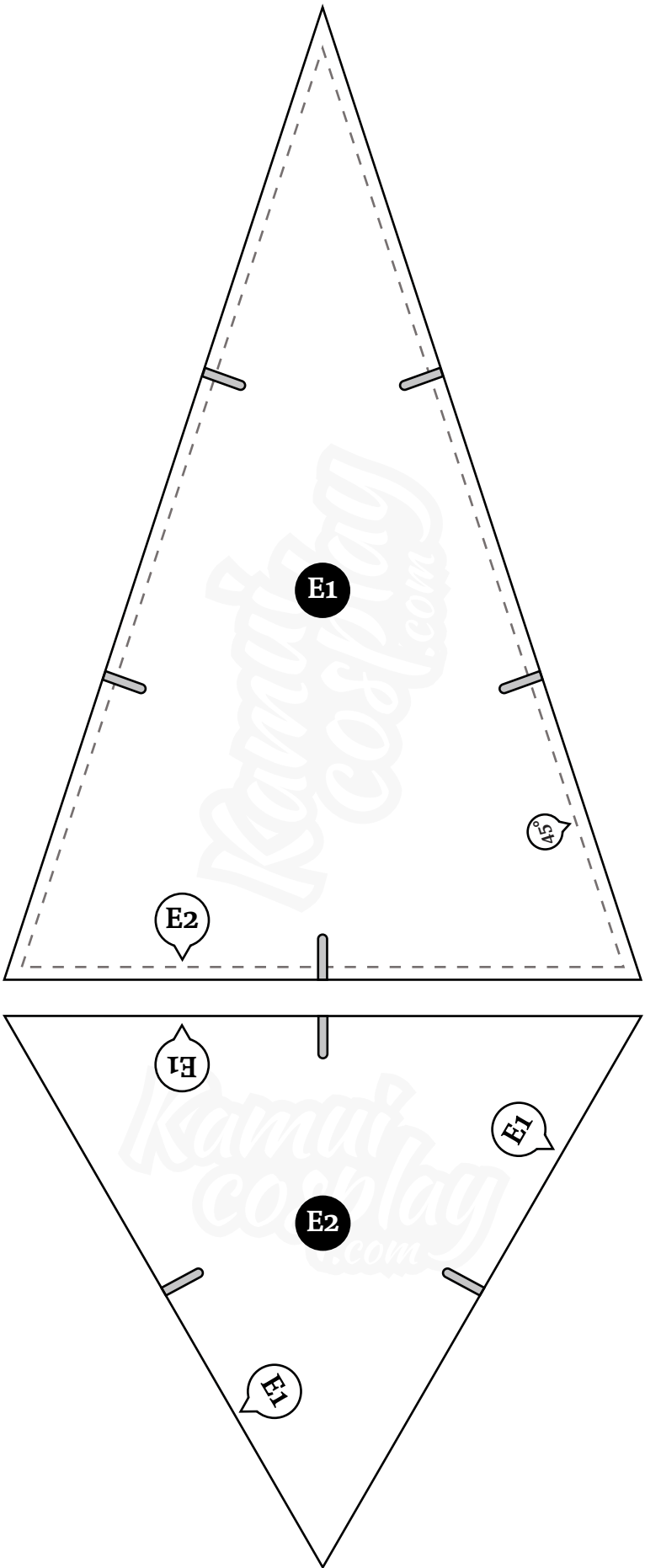
How to scale:

Every shape in this pattern collection starts at **100%**.

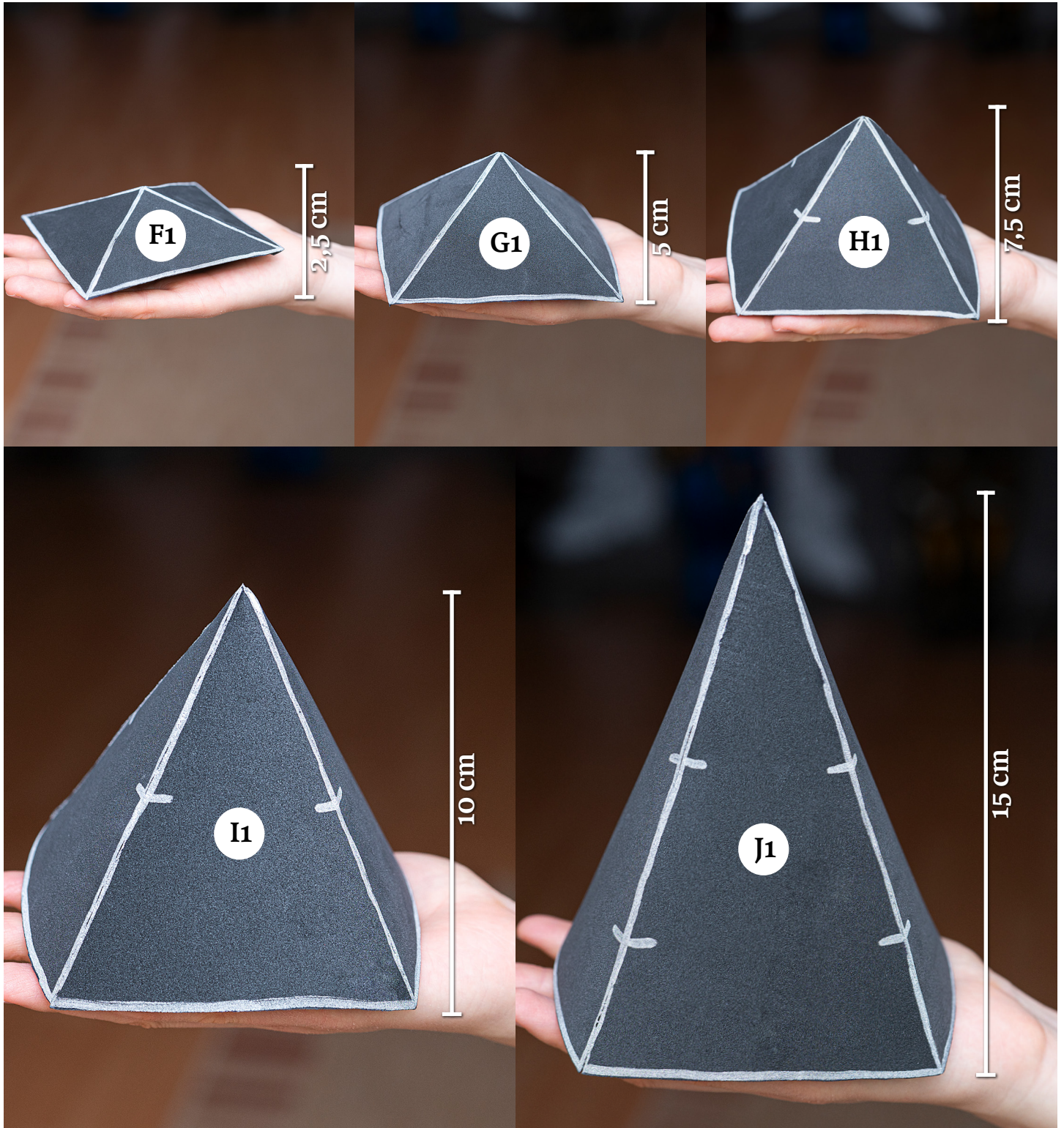
If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
1 cm	6.7 %	0.39 inch
1.5 cm	10 %	0.59 inch
2 cm	13.3 %	0.79 inch
2.5 cm	16.7 %	0.98 inch
3 cm	20 %	1.18 inch
4 cm	26.7 %	1.57 inch
5 cm	33.3 %	1.97 inch
6 cm	40 %	2.36 inch
7 cm	46.7 %	2.76 inch
8 cm	53.3 %	3.15 inch
9 cm	60 %	3.54 inch
10 cm	67 %	3.94 inch
12 cm	80 %	4.72 inch
14 cm	93.5 %	5.51 inch
15 cm	100 %	5.9 inch
16 cm	106.6 %	6.3 inch
18 cm	120 %	7.09 inch
20 cm	133.3 %	7.87 inch
25 cm	166.6 %	9.84 inch
30 cm	200 %	11.81 inch

Three Sided Pyramid E



Four Sided Pyramids



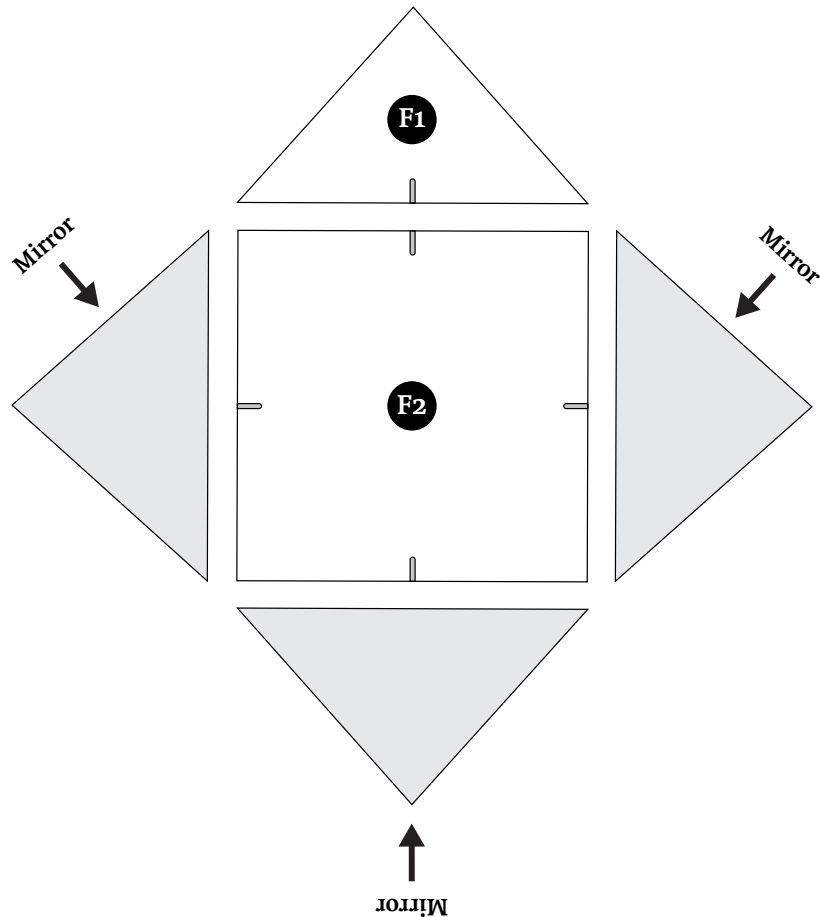
The four sided pyramid comes in 5 different angles/heights.

Bottom plates are optional and not included in the photo.

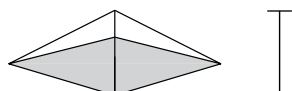
Four Sided Pyramid F

Original height: 2.5 cm

Print page 17



100% Scale. Height 2.5 cm



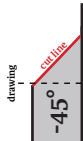
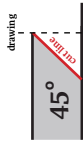
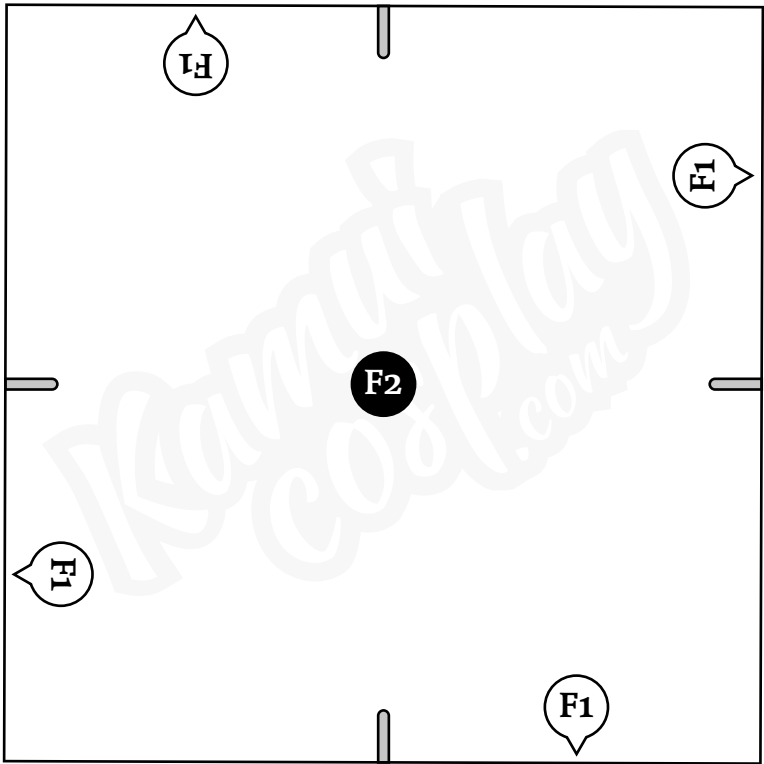
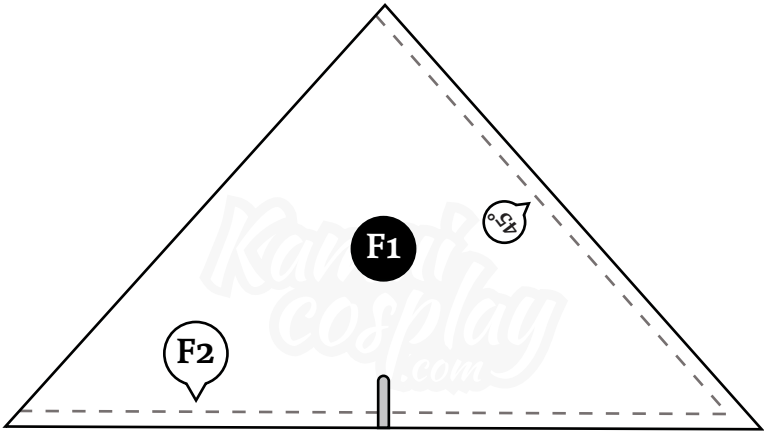
How to scale:

Every shape in this pattern collection starts at **100%**.

If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
0.5 cm	20 %	0.2 inch
1 cm	40 %	0.39 inch
1.5 cm	60 %	0.59 inch
2 cm	80 %	0.79 inch
2.5 cm	100 %	0.98 inch
3 cm	120 %	1.18 inch
4 cm	160 %	1.57 inch
5 cm	200 %	1.97 inch
6 cm	240 %	2.36 inch
7 cm	280 %	2.76 inch
8 cm	320 %	3.15 inch
9 cm	360 %	3.54 inch
10 cm	400 %	3.94 inch
12 cm	480 %	4.72 inch
14 cm	560 %	5.51 inch
16 cm	640 %	6.3 inch
18 cm	720 %	7.09 inch
20 cm	800 %	7.87 inch
25 cm	1000 %	9.84 inch
30 cm	1200 %	11.81 inch

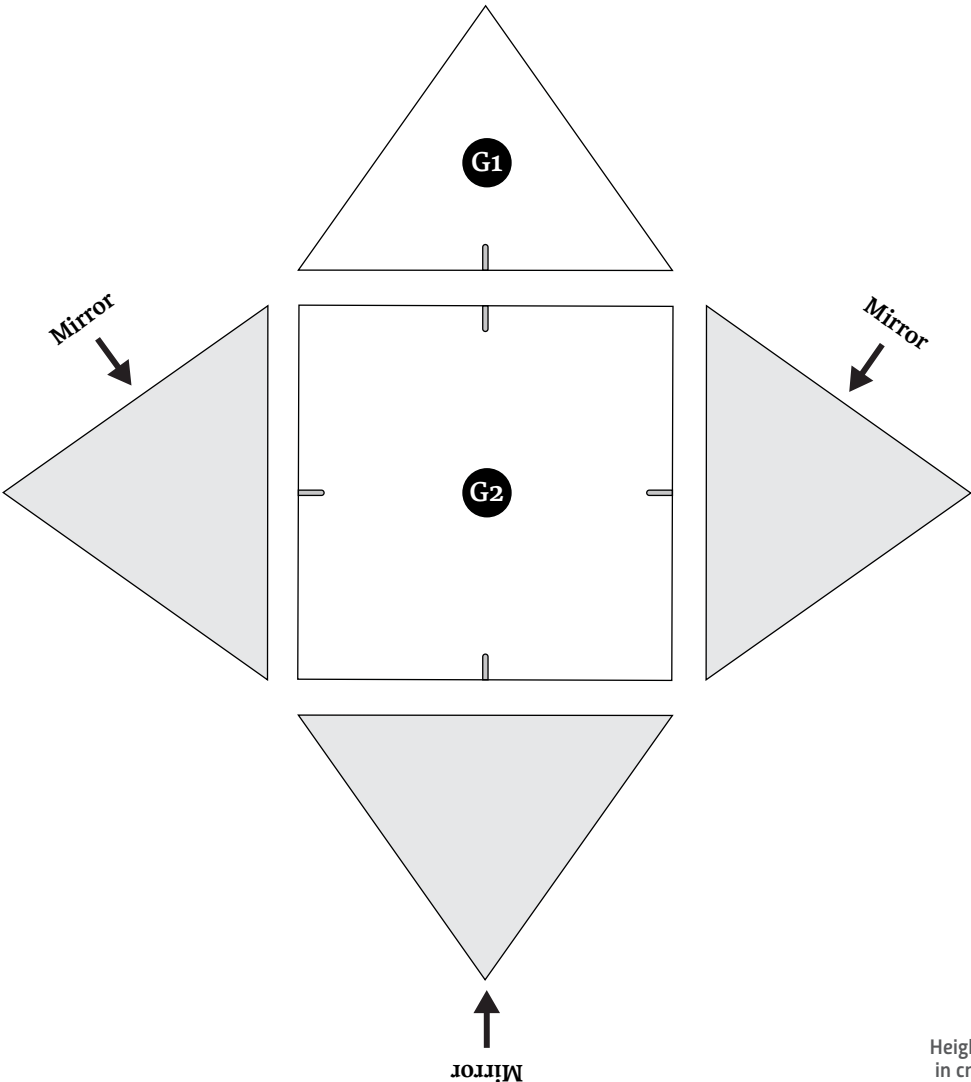
Four Sided Pyramid F



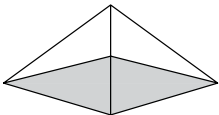
Four Sided Pyramid G

Original height: 5 cm

Print page 19



100% Scale. Height 5 cm



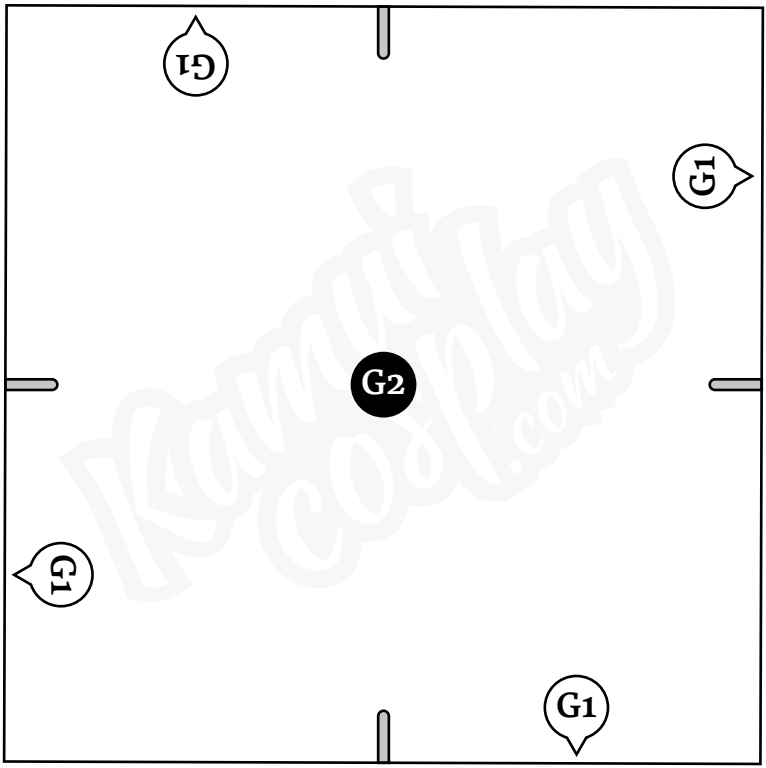
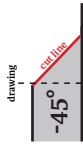
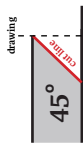
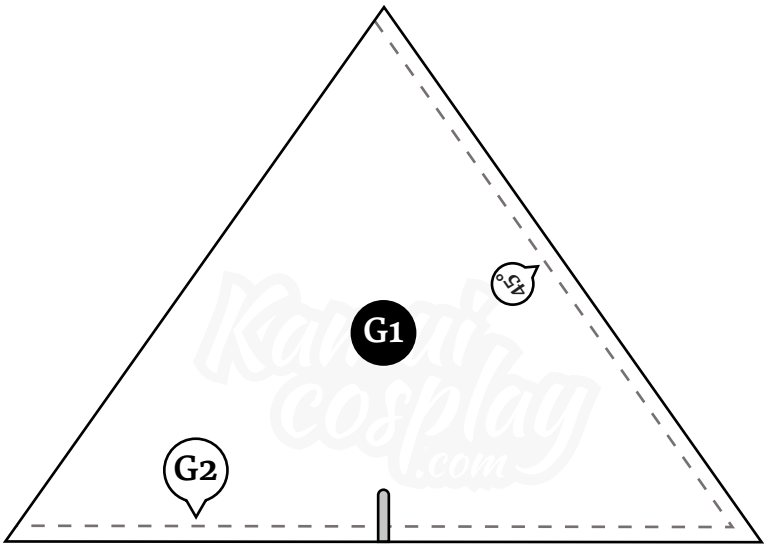
How to scale:

Every shape in this pattern collection starts at **100%**.

If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
0.5 cm	10 %	0.2 inch
1 cm	20 %	0.39 inch
1.5 cm	30 %	0.59 inch
2 cm	40 %	0.79 inch
2.5 cm	50 %	0.98 inch
3 cm	60 %	1.18 inch
4 cm	80 %	1.57 inch
5 cm	100 %	1.97 inch
6 cm	120 %	2.36 inch
7 cm	140 %	2.76 inch
8 cm	160 %	3.15 inch
9 cm	180 %	3.54 inch
10 cm	200 %	3.94 inch
12 cm	240 %	4.72 inch
14 cm	280 %	5.51 inch
16 cm	320 %	6.3 inch
18 cm	360 %	7.09 inch
20 cm	400 %	7.87 inch
25 cm	500 %	9.84 inch
30 cm	600 %	11.81 inch

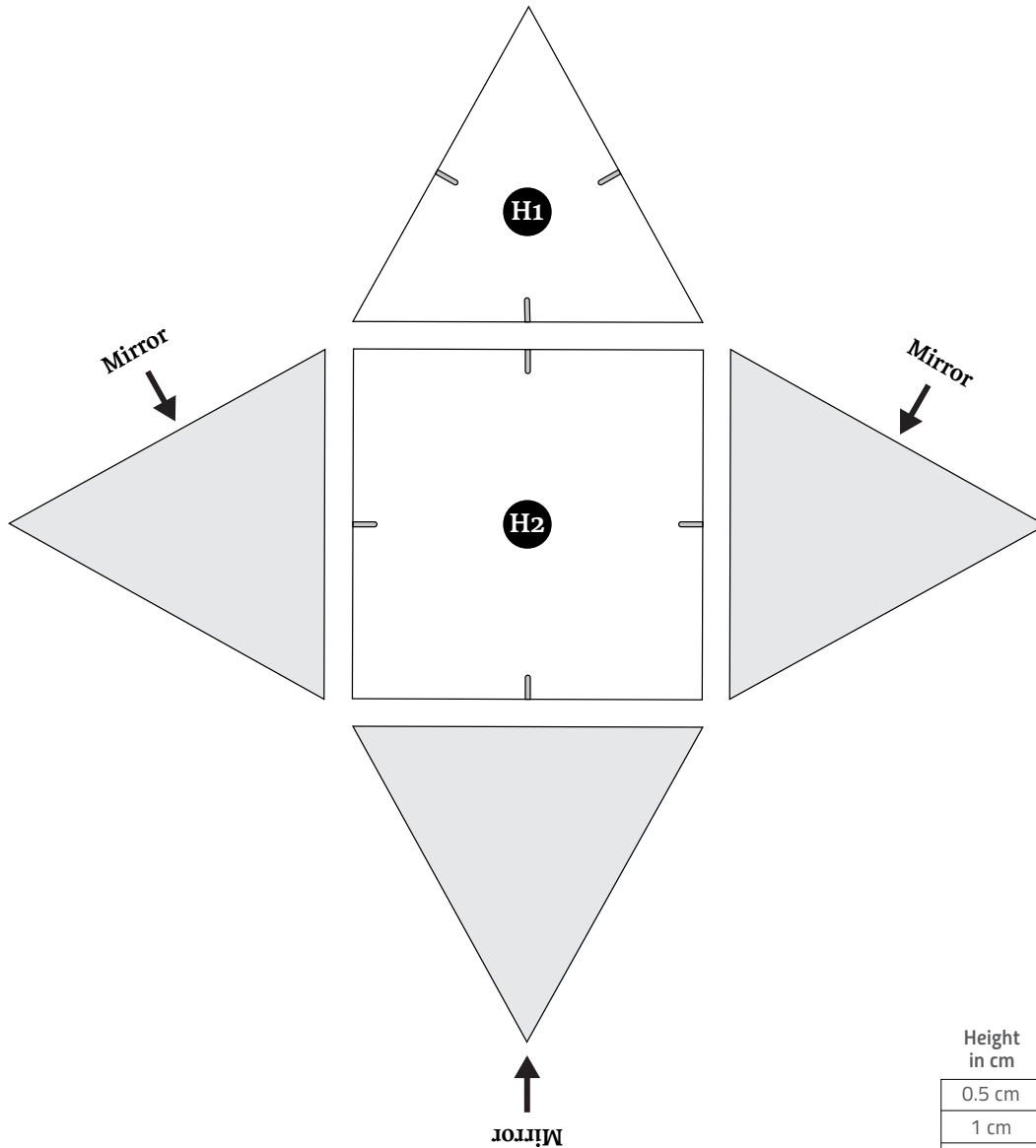
Four Sided Pyramid G



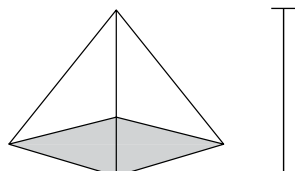
Four Sided Pyramid H

Original height: 7.5 cm

Print page 21



100% Scale. Height 7.5 cm



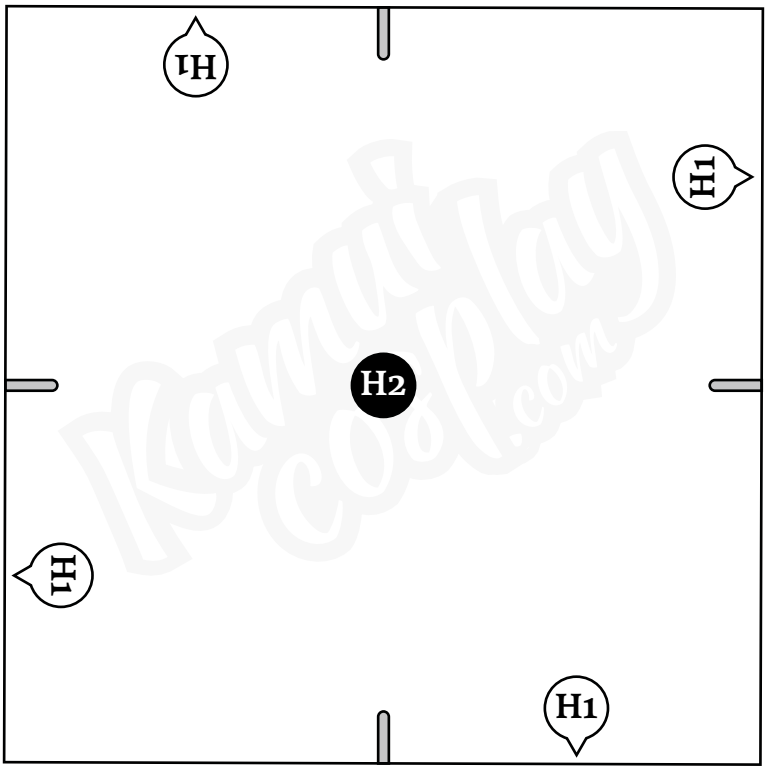
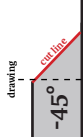
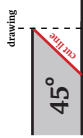
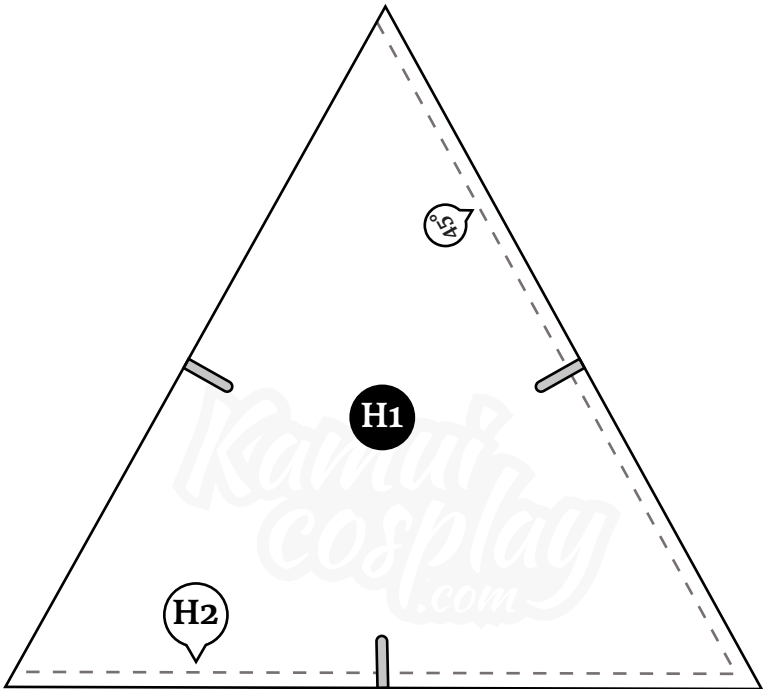
How to scale:

Every shape in this pattern collection starts at **100%**.

If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
0.5 cm	6.7 %	0.2 inch
1 cm	13.4 %	0.39 inch
1.5 cm	20 %	0.59 inch
2 cm	26.7 %	0.79 inch
2.5 cm	33.3 %	0.98 inch
3 cm	40 %	1.18 inch
4 cm	53.3 %	1.57 inch
5 cm	66.6 %	1.97 inch
6 cm	80 %	2.36 inch
7.5 cm	100 %	2.95 inch
8 cm	106.6 %	3.15 inch
9 cm	120 %	3.54 inch
10 cm	134 %	3.94 inch
12 cm	160 %	4.72 inch
14 cm	186 %	5.51 inch
16 cm	213 %	6.3 inch
18 cm	240 %	7.09 inch
20 cm	266 %	7.87 inch
25 cm	334 %	9.84 inch
30 cm	400 %	11.81 inch

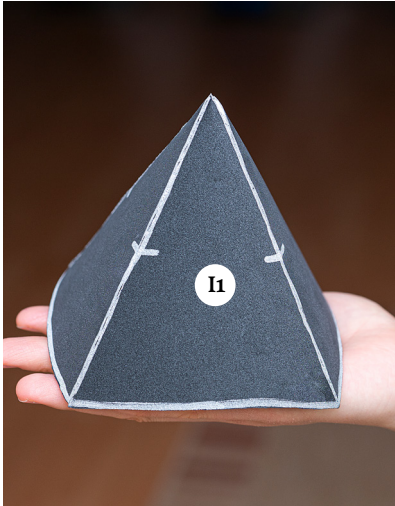
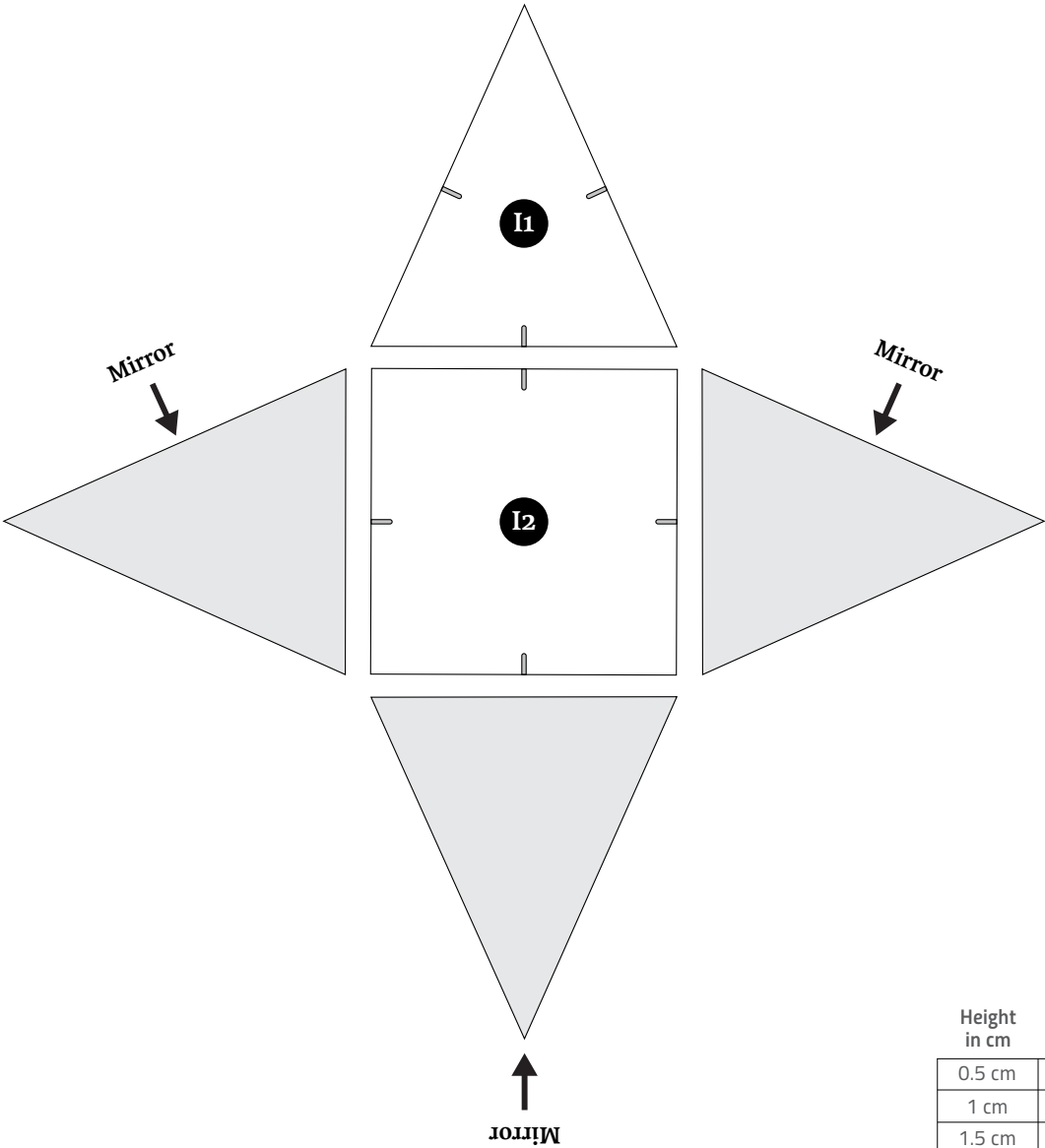
Four Sided Pyramid H



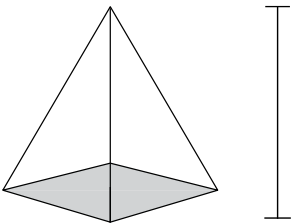
Four Sided Pyramid I

Original height: 10 cm

Print page 23



100% Scale. Height 10 cm



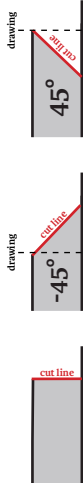
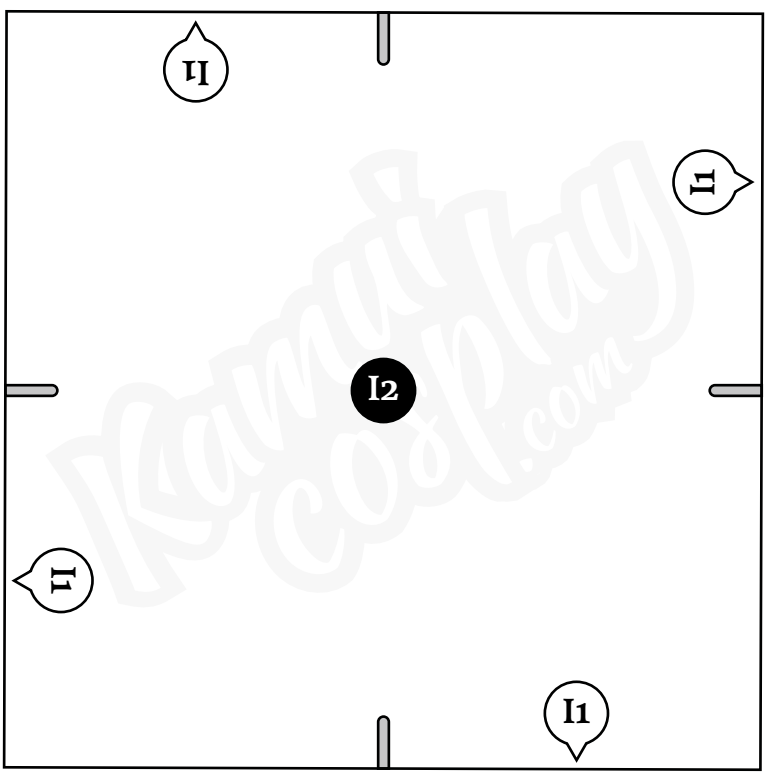
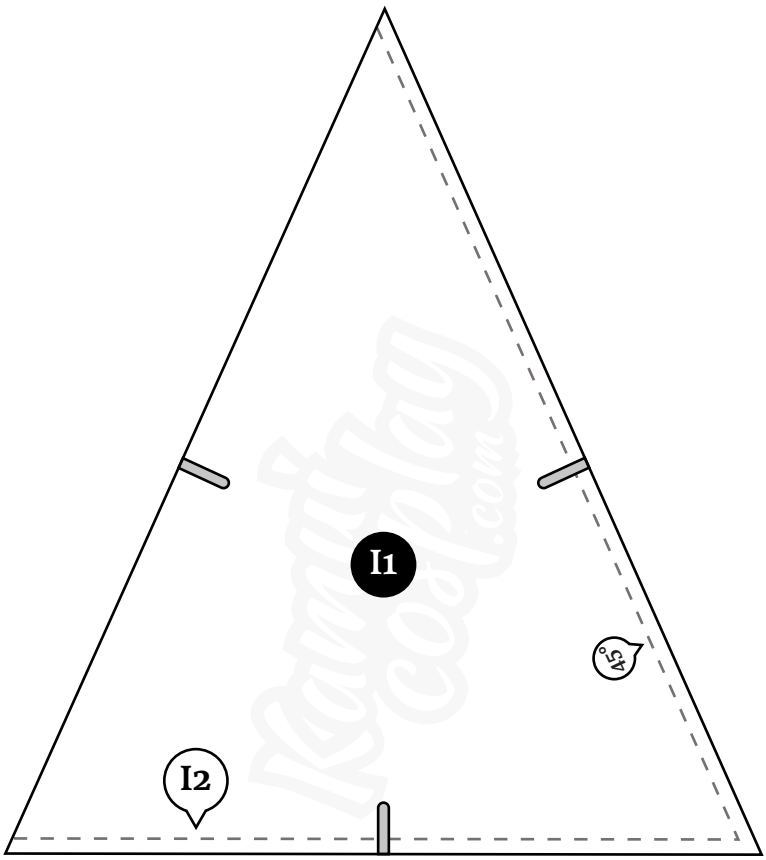
How to scale:

Every shape in this pattern collection starts at **100%**.

If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
0.5 cm	5 %	0.2 inch
1 cm	10 %	0.39 inch
1.5 cm	15 %	0.59 inch
2 cm	20 %	0.79 inch
2.5 cm	25 %	0.98 inch
3 cm	30 %	1.18 inch
4 cm	40 %	1.57 inch
5 cm	50 %	1.97 inch
6 cm	60 %	2.36 inch
7 cm	70 %	2.76 inch
8 cm	80 %	3.15 inch
9 cm	90 %	3.54 inch
10 cm	100 %	3.94 inch
12 cm	120 %	4.72 inch
14 cm	140 %	5.51 inch
16 cm	160 %	6.3 inch
18 cm	180 %	7.09 inch
20 cm	200 %	7.87 inch
25 cm	250 %	9.84 inch
30 cm	300 %	11.81 inch

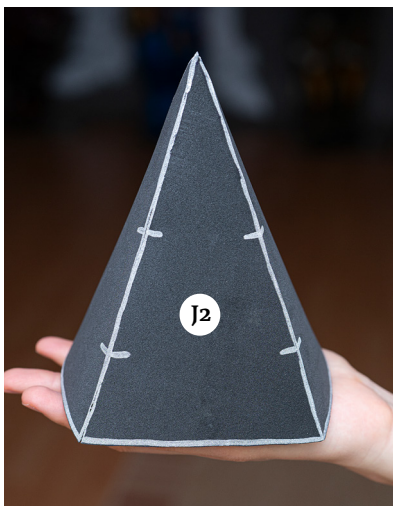
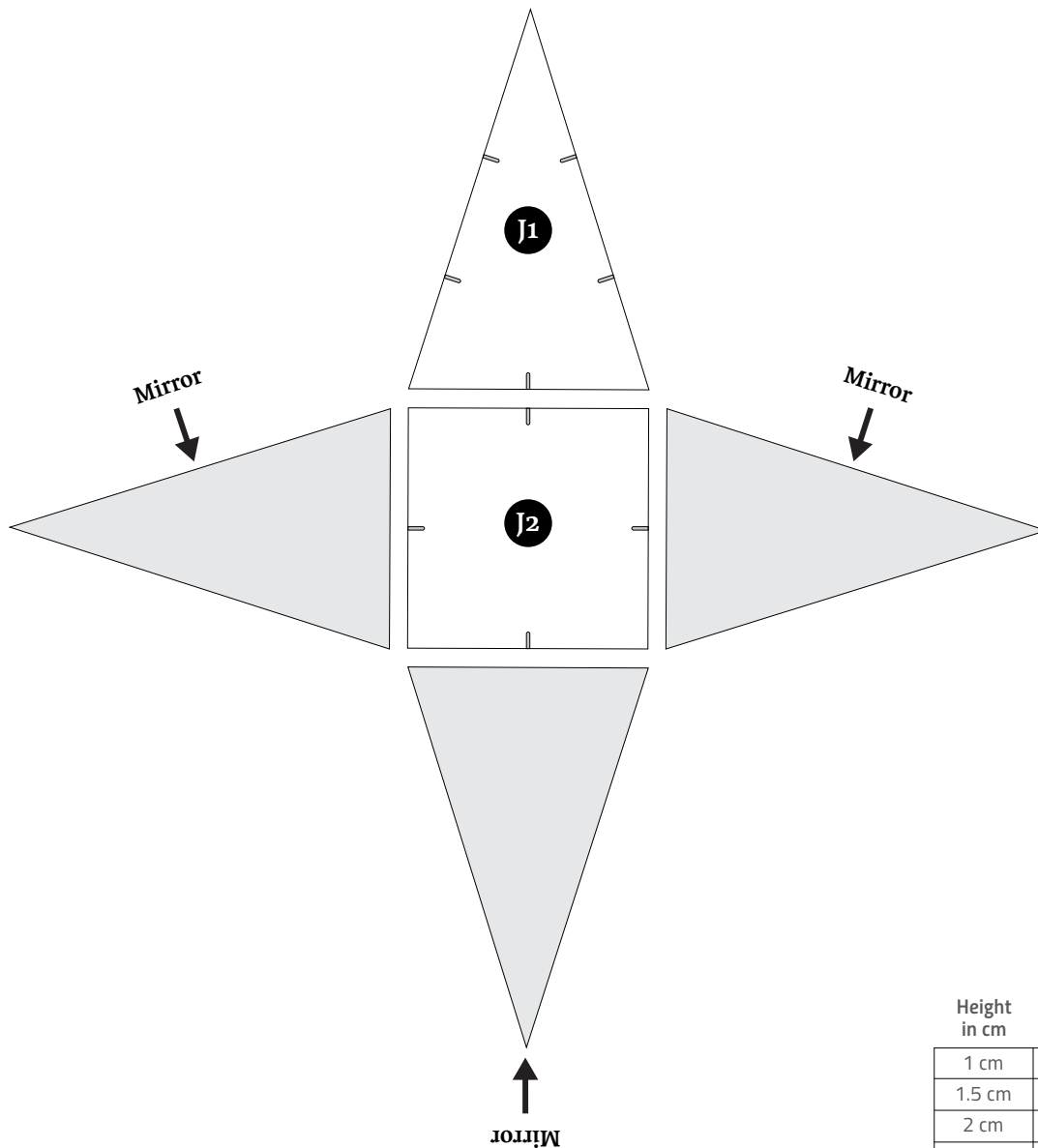
Four Sided Pyramid I



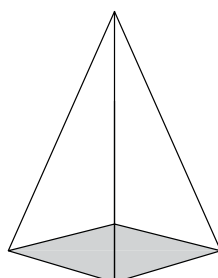
Four Sided Pyramid J

Original height: 15 cm

Print page 25



100% Scale. Height 15 cm



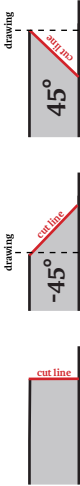
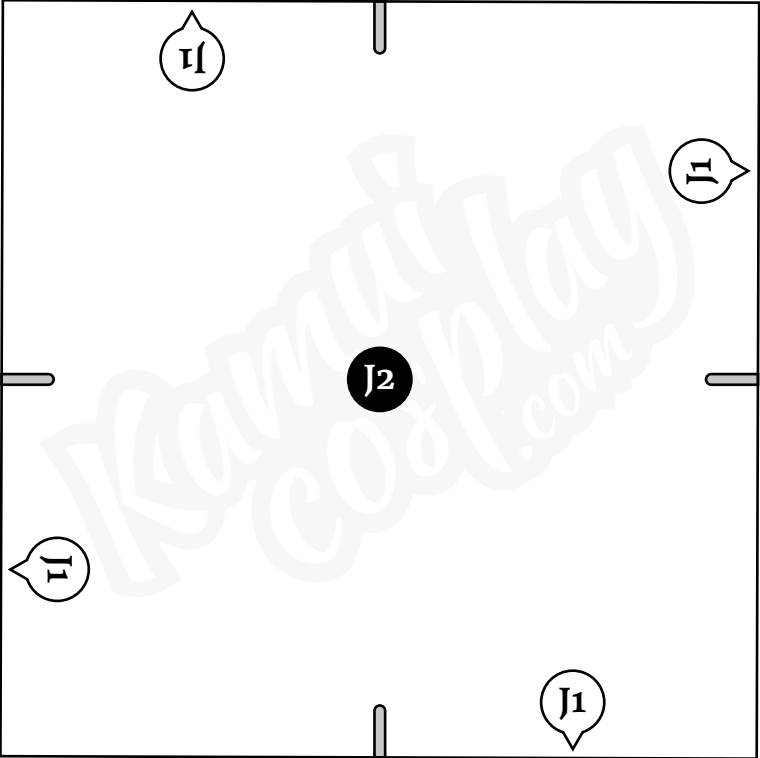
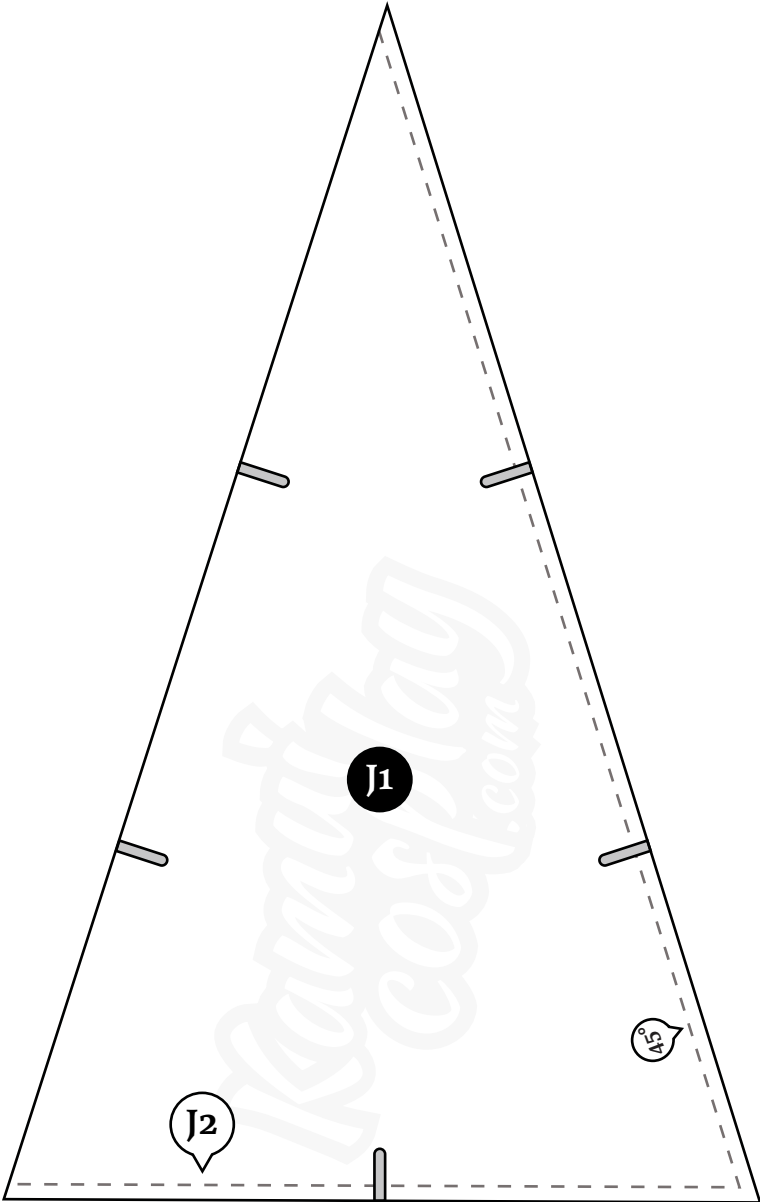
How to scale:

Every shape in this pattern collection starts at **100%**.

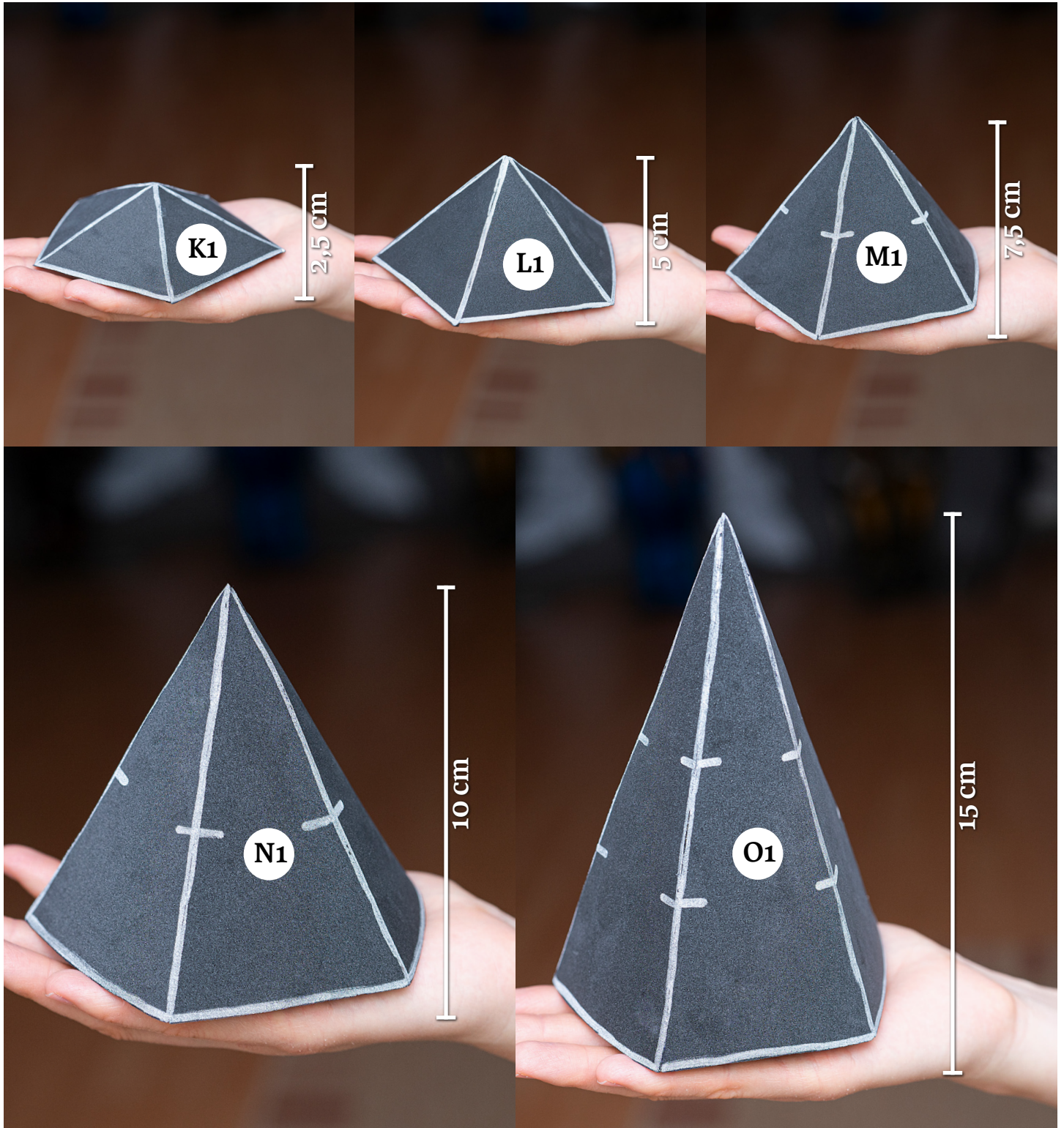
If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
1 cm	6.7 %	0.39 inch
1.5 cm	10 %	0.59 inch
2 cm	13.3 %	0.79 inch
2.5 cm	16.7 %	0.98 inch
3 cm	20 %	1.18 inch
4 cm	26.7 %	1.57 inch
5 cm	33.3 %	1.97 inch
6 cm	40 %	2.36 inch
7 cm	46.7 %	2.76 inch
8 cm	53.3 %	3.15 inch
9 cm	60 %	3.54 inch
10 cm	67 %	3.94 inch
12 cm	80 %	4.72 inch
14 cm	93.5 %	5.51 inch
15 cm	100 %	5.9 inch
16 cm	106.6 %	6.3 inch
18 cm	120 %	7.09 inch
20 cm	133.3 %	7.87 inch
25 cm	166.6 %	9.84 inch
30 cm	200 %	11.81 inch

Four Sided Pyramid J



Five Sided Pyramids



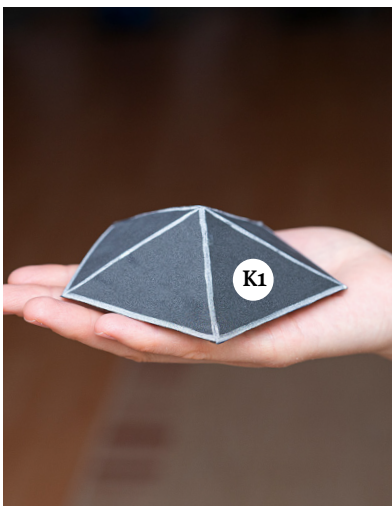
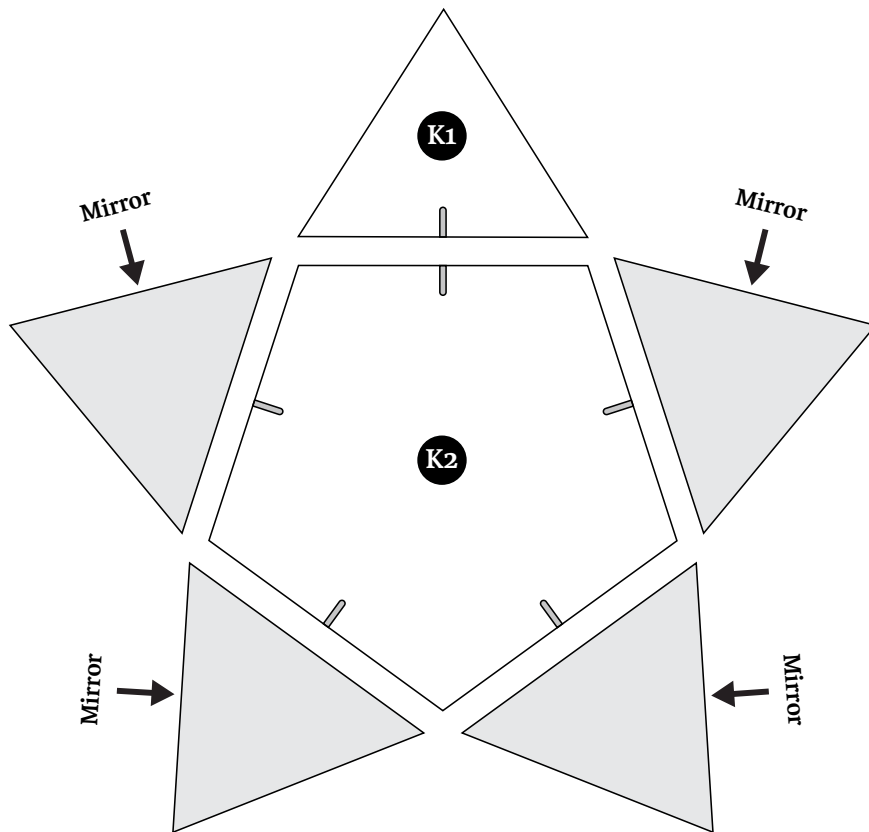
The five sided pyramid comes in 5 different angles/heights.

Bottom plates are optional and not included in the photo.

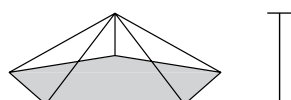
Five Sided Pyramid K

Original height: 2.5 cm

Print page 28



100% Scale. Height 2.5 cm



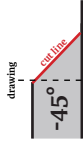
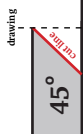
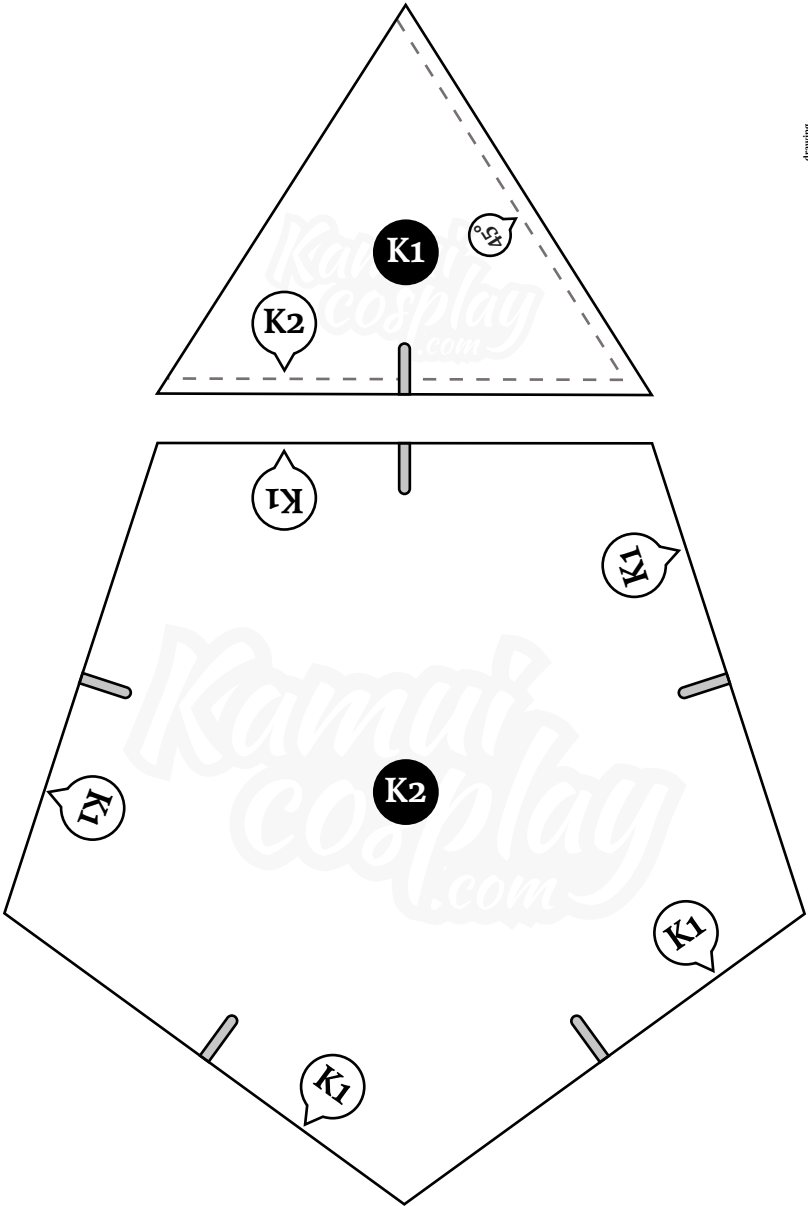
How to scale:

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If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
0.5 cm	20 %	0.2 inch
1 cm	40 %	0.39 inch
1.5 cm	60 %	0.59 inch
2 cm	80 %	0.79 inch
2.5 cm	100 %	0.98 inch
3 cm	120 %	1.18 inch
4 cm	160 %	1.57 inch
5 cm	200 %	1.97 inch
6 cm	240 %	2.36 inch
7 cm	280 %	2.76 inch
8 cm	320 %	3.15 inch
9 cm	360 %	3.54 inch
10 cm	400 %	3.94 inch
12 cm	480 %	4.72 inch
14 cm	560 %	5.51 inch
16 cm	640 %	6.3 inch
18 cm	720 %	7.09 inch
20 cm	800 %	7.87 inch
25 cm	1000 %	9.84 inch
30 cm	1200 %	11.81 inch

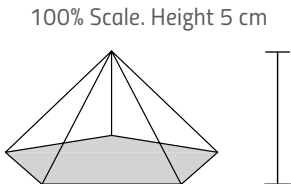
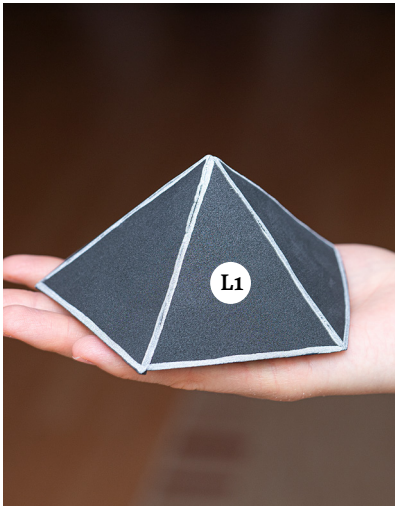
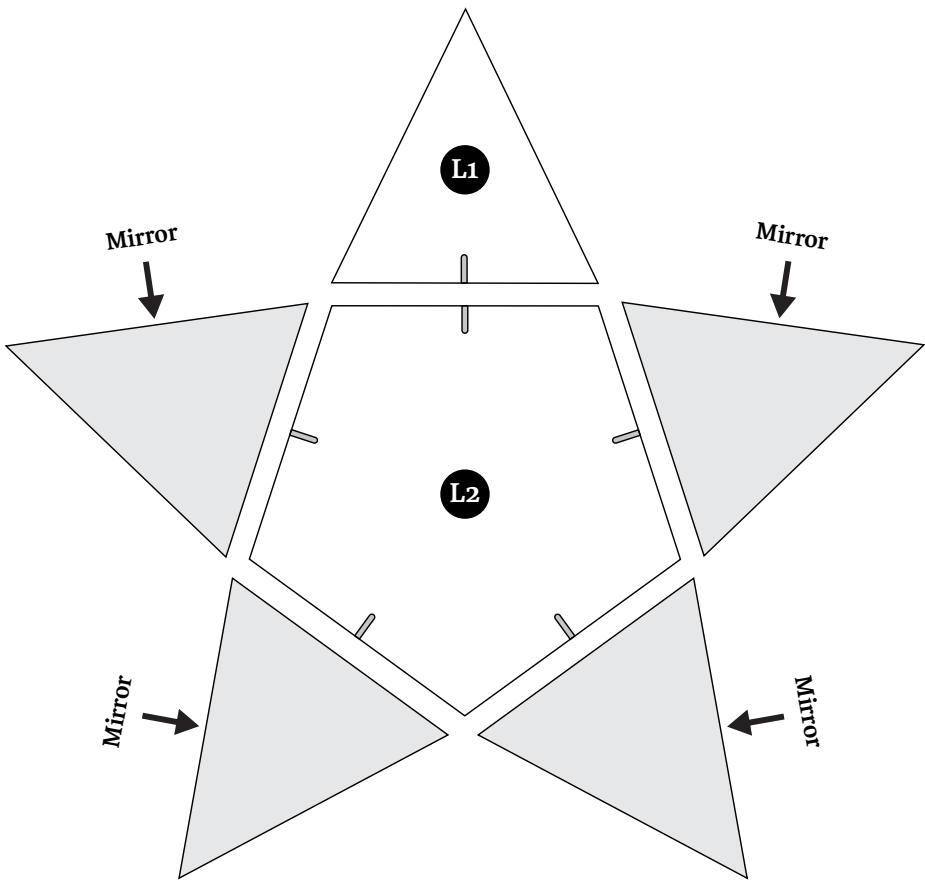
Five Sided Pyramid K



Five Sided Pyramid L

Original height: 5 cm

Print page 30



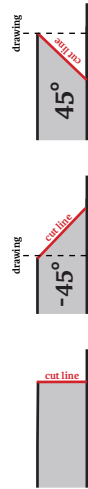
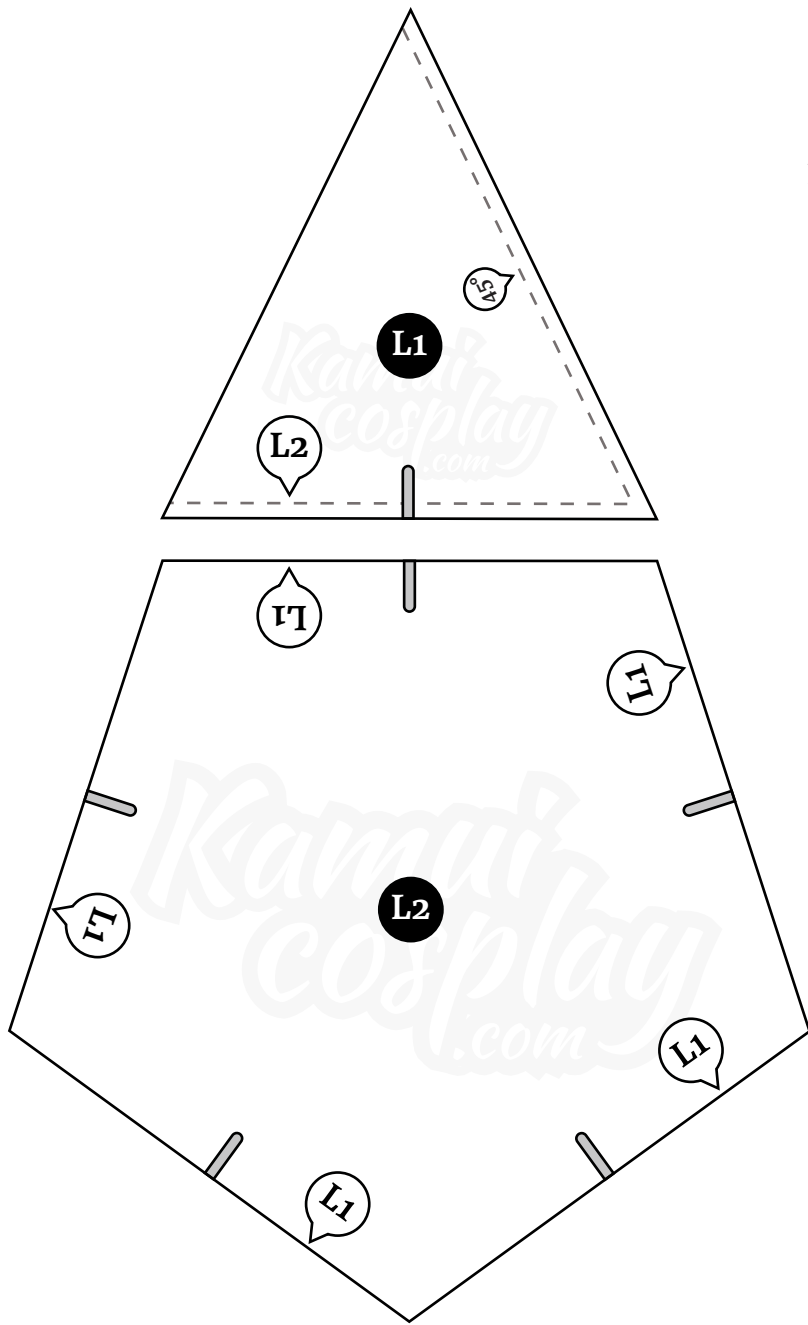
How to scale:

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Height in cm	Print in scale	Height in inch
0.5 cm	10 %	0.2 inch
1 cm	20 %	0.39 inch
1.5 cm	30 %	0.59 inch
2 cm	40 %	0.79 inch
2.5 cm	50 %	0.98 inch
3 cm	60 %	1.18 inch
4 cm	80 %	1.57 inch
5 cm	100 %	1.97 inch
6 cm	120 %	2.36 inch
7 cm	140 %	2.76 inch
8 cm	160 %	3.15 inch
9 cm	180 %	3.54 inch
10 cm	200 %	3.94 inch
12 cm	240 %	4.72 inch
14 cm	280 %	5.51 inch
16 cm	320 %	6.3 inch
18 cm	360 %	7.09 inch
20 cm	400 %	7.87 inch
25 cm	500 %	9.84 inch
30 cm	600 %	11.81 inch

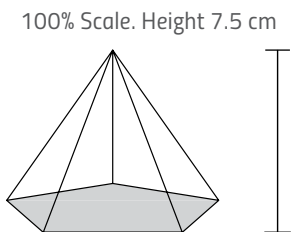
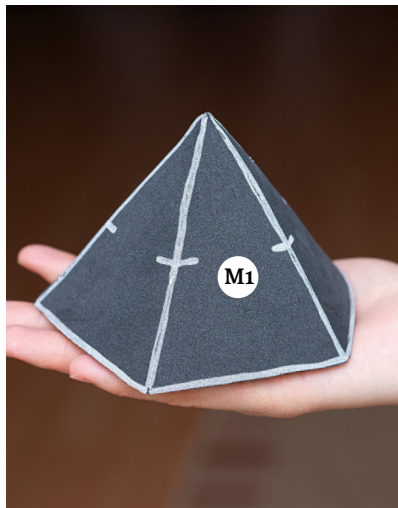
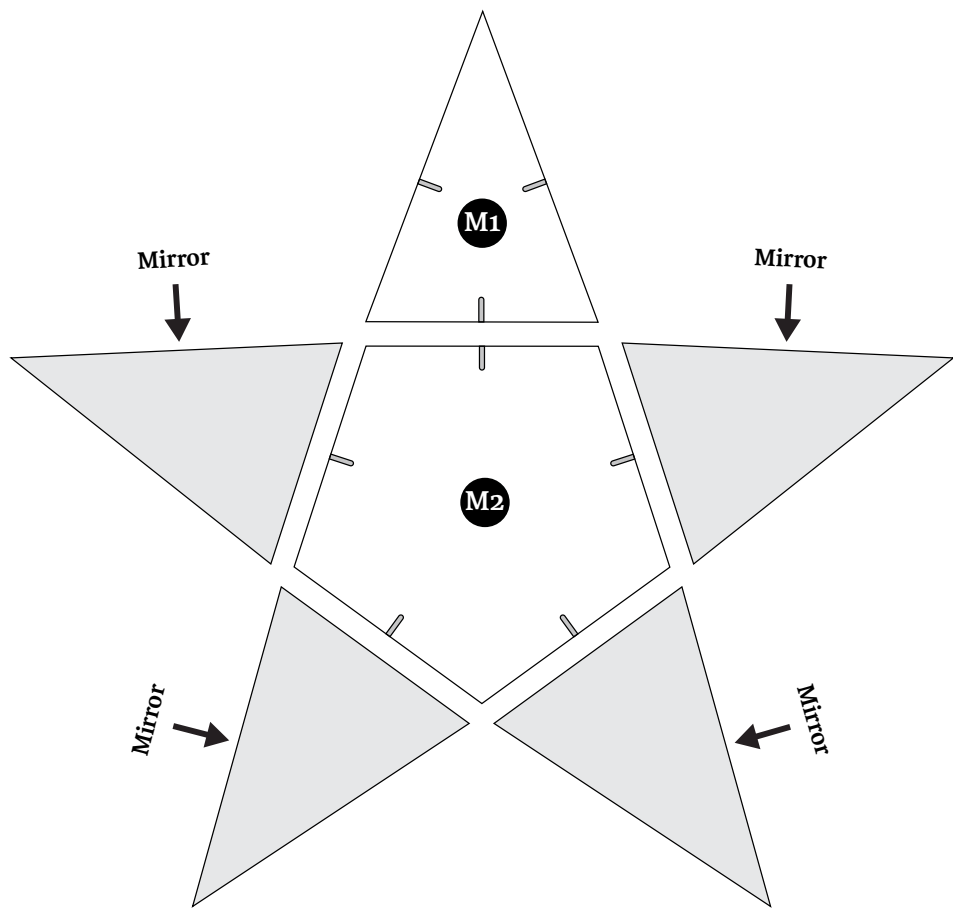
Five Sided Pyramid L



Five Sided Pyramid M

Original height: 7.5 cm

Print page 32



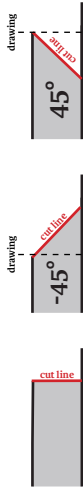
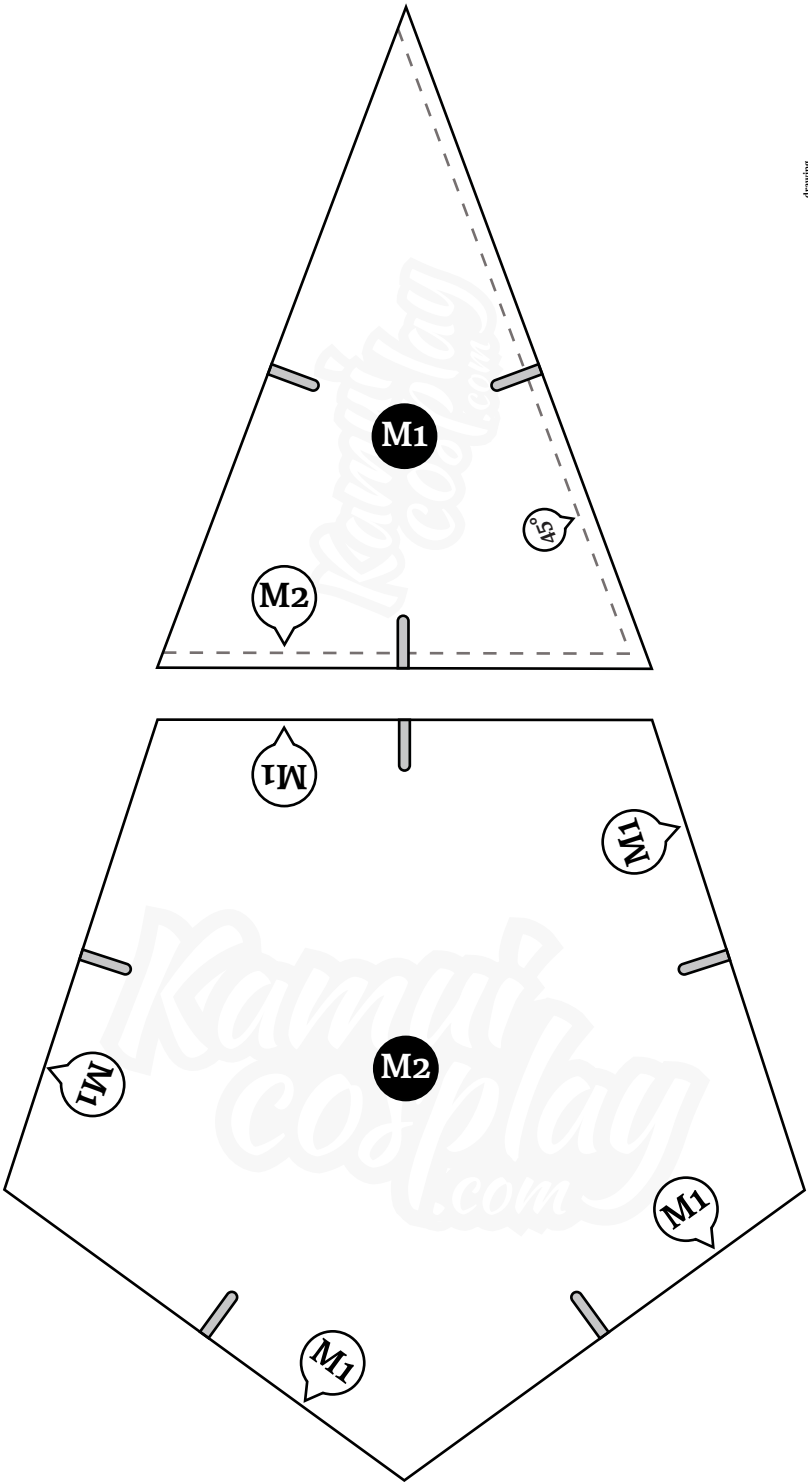
How to scale:

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If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
0.5 cm	6.7 %	0.2 inch
1 cm	13.4 %	0.39 inch
1.5 cm	20 %	0.59 inch
2 cm	26.7 %	0.79 inch
2.5 cm	33.3 %	0.98 inch
3 cm	40 %	1.18 inch
4 cm	53.3 %	1.57 inch
5 cm	66.6 %	1.97 inch
6 cm	80 %	2.36 inch
7.5 cm	100 %	2.95 inch
8 cm	106.6 %	3.15 inch
9 cm	120 %	3.54 inch
10 cm	134 %	3.94 inch
12 cm	160 %	4.72 inch
14 cm	186 %	5.51 inch
16 cm	213 %	6.3 inch
18 cm	240 %	7.09 inch
20 cm	266 %	7.87 inch
25 cm	334 %	9.84 inch
30 cm	400 %	11.81 inch

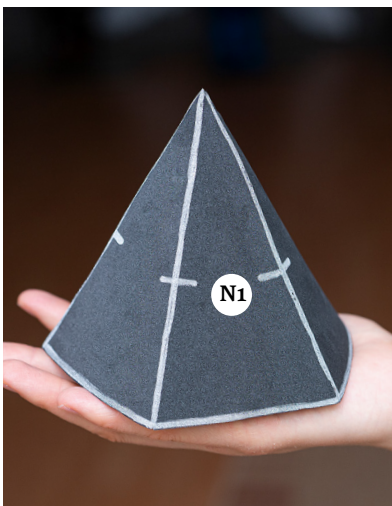
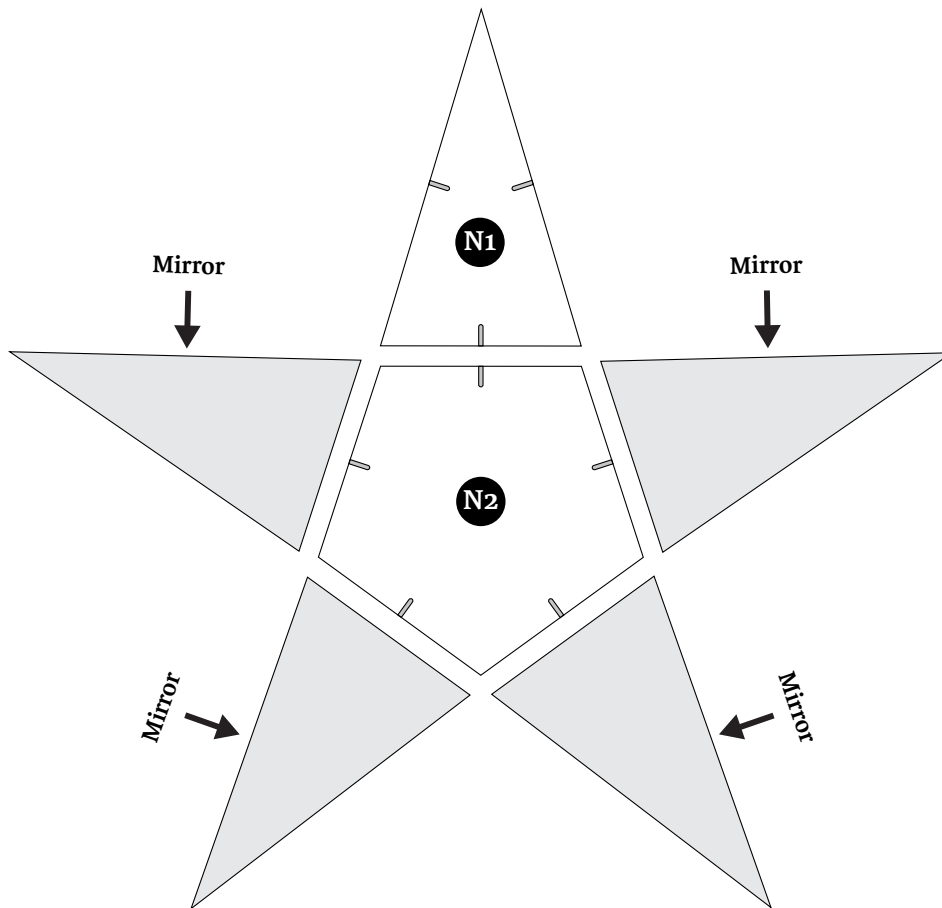
Five Sided Pyramid M



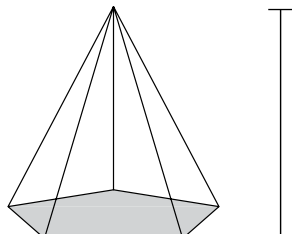
Five Sided Pyramid N

Original height: 10 cm

Print page 34



100% Scale. Height 10 cm



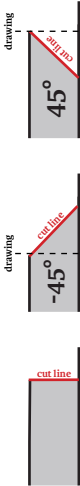
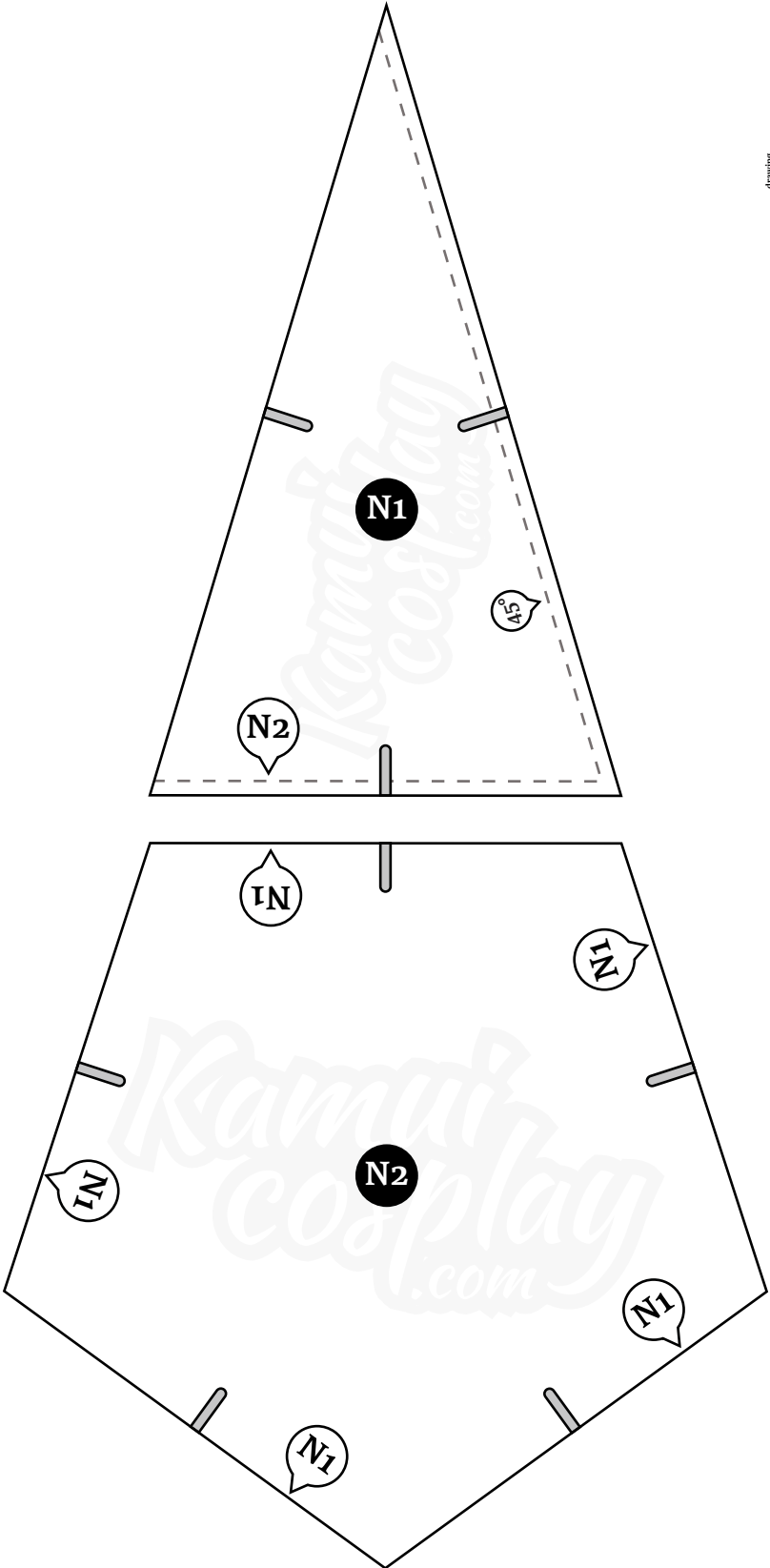
How to scale:

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0.5 cm	5 %	0.2 inch
1 cm	10 %	0.39 inch
1.5 cm	15 %	0.59 inch
2 cm	20 %	0.79 inch
2.5 cm	25 %	0.98 inch
3 cm	30 %	1.18 inch
4 cm	40 %	1.57 inch
5 cm	50 %	1.97 inch
6 cm	60 %	2.36 inch
7 cm	70 %	2.76 inch
8 cm	80 %	3.15 inch
9 cm	90 %	3.54 inch
10 cm	100 %	3.94 inch
12 cm	120 %	4.72 inch
14 cm	140 %	5.51 inch
16 cm	160 %	6.3 inch
18 cm	180 %	7.09 inch
20 cm	200 %	7.87 inch
25 cm	250 %	9.84 inch
30 cm	300 %	11.81 inch

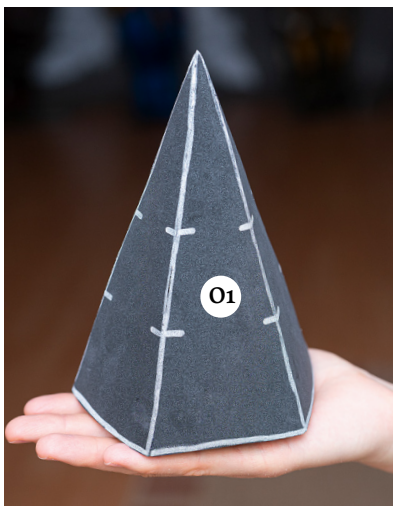
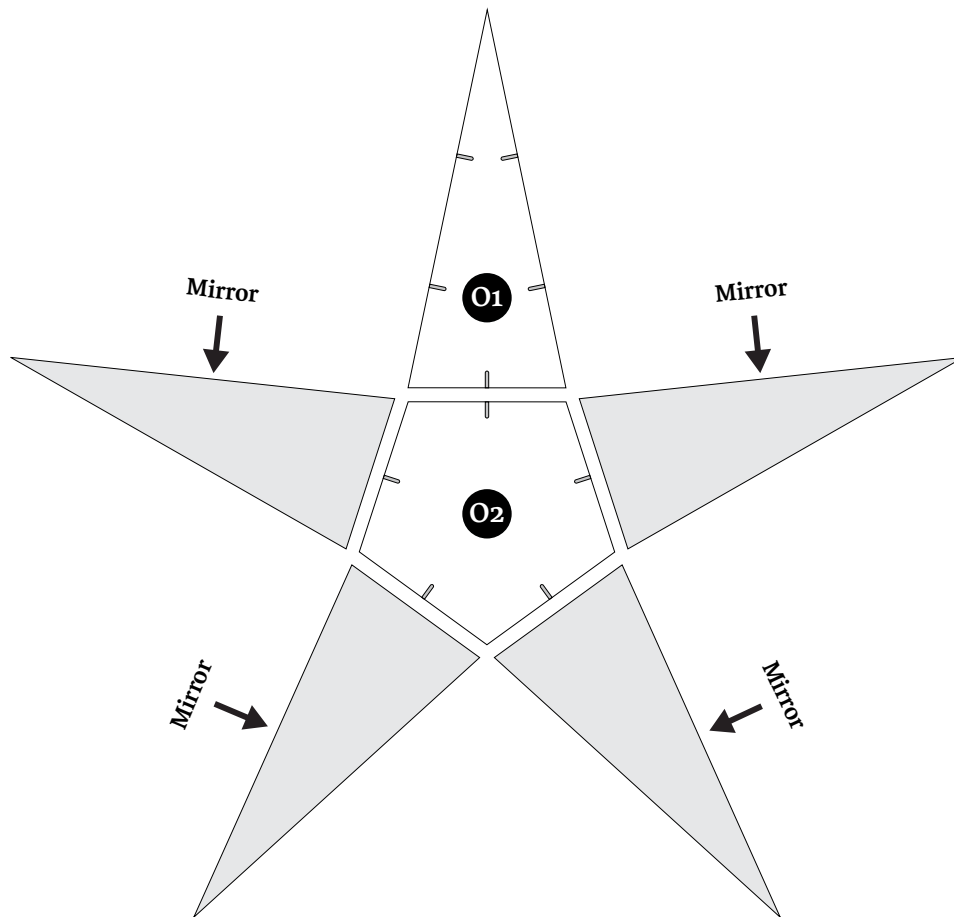
Five Sided Pyramid N



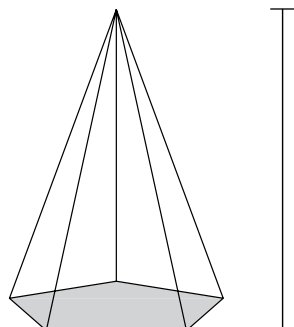
Five Sided Pyramid 0

Original height: 15 cm

Print page 36



100% Scale. Height 15 cm



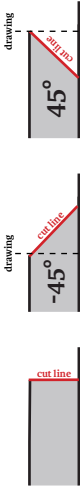
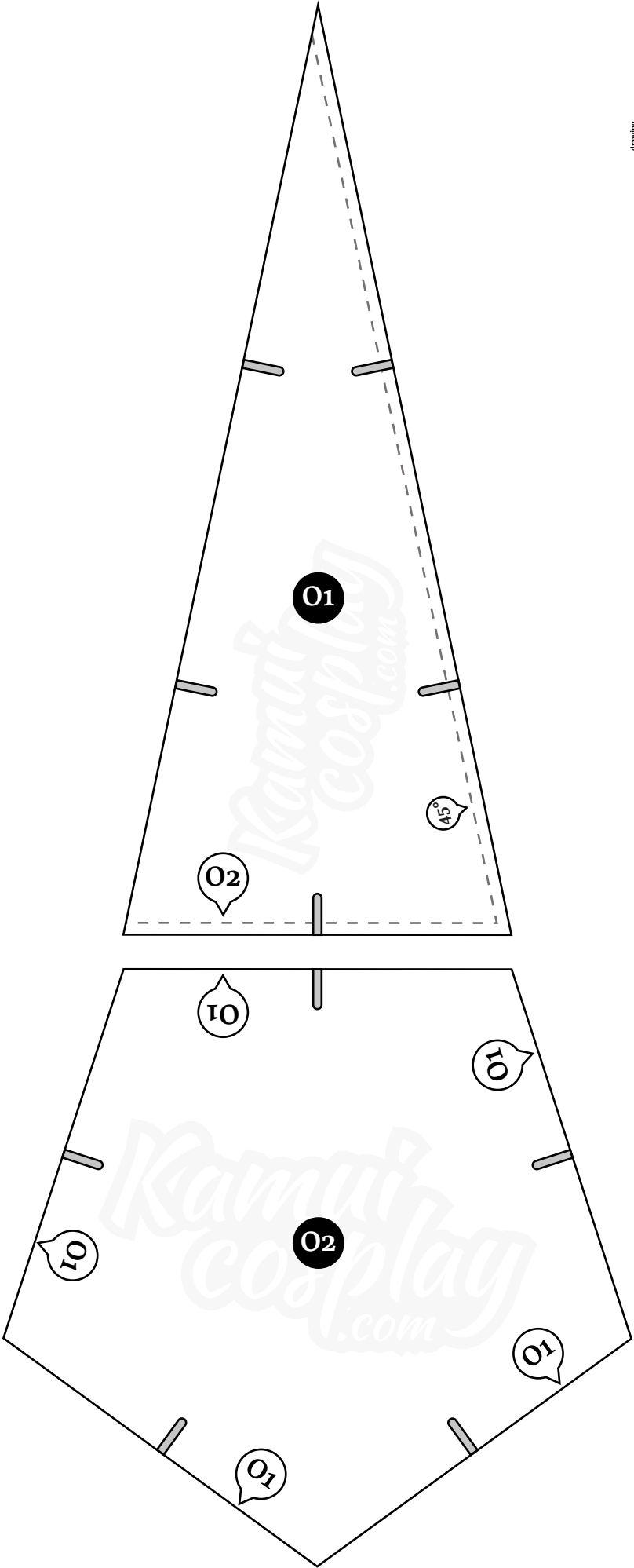
How to scale:

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Height in cm	Print in scale	Height in inch
1 cm	6.7 %	0.39 inch
1.5 cm	10 %	0.59 inch
2 cm	13.3 %	0.79 inch
2.5 cm	16.7 %	0.98 inch
3 cm	20 %	1.18 inch
4 cm	26.7 %	1.57 inch
5 cm	33.3 %	1.97 inch
6 cm	40 %	2.36 inch
7 cm	46.7 %	2.76 inch
8 cm	53.3 %	3.15 inch
9 cm	60 %	3.54 inch
10 cm	67 %	3.94 inch
12 cm	80 %	4.72 inch
14 cm	93.5 %	5.51 inch
15 cm	100 %	5.9 inch
16 cm	106.6 %	6.3 inch
18 cm	120 %	7.09 inch
20 cm	133.3 %	7.87 inch
25 cm	166.6 %	9.84 inch
30 cm	200 %	11.81 inch

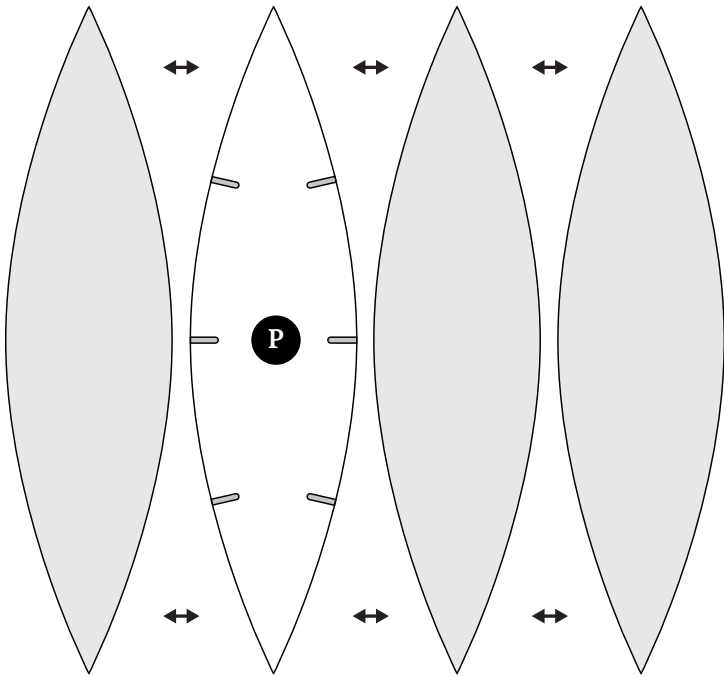
Five Sided Pyramid O



Sphere

Original height: 10 cm

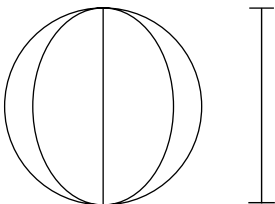
Print page 38



Copy 4 times for half-sphere and 8 times for full sphere.



100% Scale. Height 10 cm



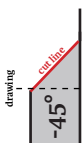
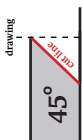
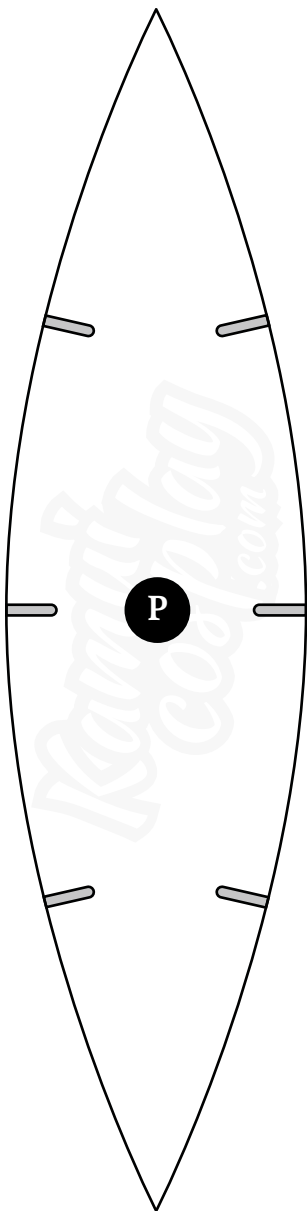
How to scale:

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0.5 cm	5 %	0.2 inch
1 cm	10 %	0.39 inch
1.5 cm	15 %	0.59 inch
2 cm	20 %	0.79 inch
2.5 cm	25 %	0.98 inch
3 cm	30 %	1.18 inch
4 cm	40 %	1.57 inch
5 cm	50 %	1.97 inch
6 cm	60 %	2.36 inch
7 cm	70 %	2.76 inch
8 cm	80 %	3.15 inch
9 cm	90 %	3.54 inch
10 cm	100 %	3.94 inch
12 cm	120 %	4.72 inch
14 cm	140 %	5.51 inch
16 cm	160 %	6.3 inch
18 cm	180 %	7.09 inch
20 cm	200 %	7.87 inch
25 cm	250 %	9.84 inch
30 cm	300 %	11.81 inch

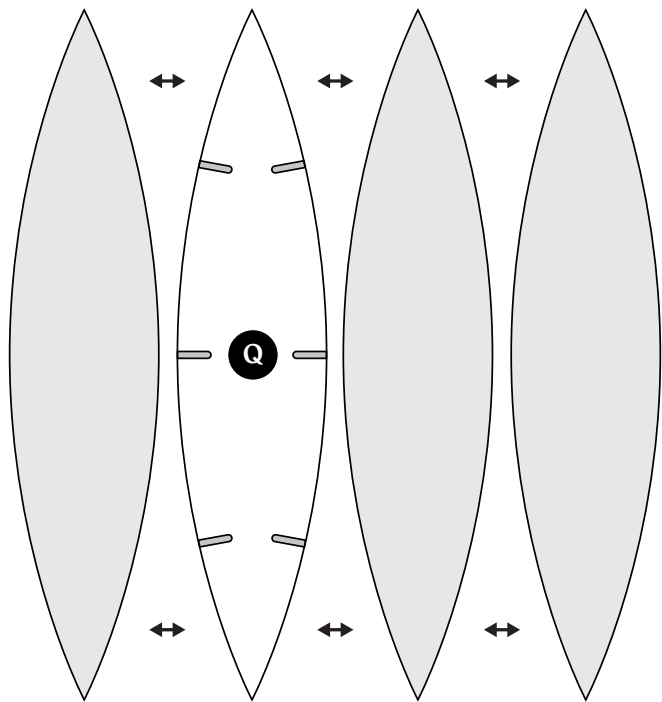
Sphere



Egg

Original height: 10 cm

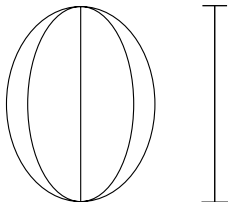
Print page 40



Copy 4 times for half-sphere and 8 times for full sphere.



100% Scale. Height 10 cm



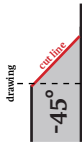
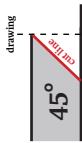
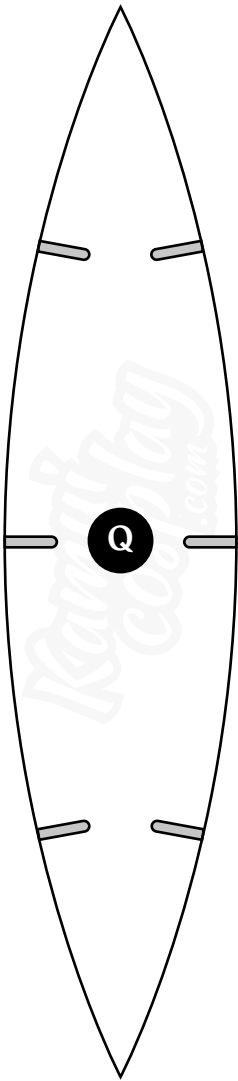
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2.5 cm	25 %	0.98 inch
3 cm	30 %	1.18 inch
4 cm	40 %	1.57 inch
5 cm	50 %	1.97 inch
6 cm	60 %	2.36 inch
7 cm	70 %	2.76 inch
8 cm	80 %	3.15 inch
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10 cm	100 %	3.94 inch
12 cm	120 %	4.72 inch
14 cm	140 %	5.51 inch
16 cm	160 %	6.3 inch
18 cm	180 %	7.09 inch
20 cm	200 %	7.87 inch
25 cm	250 %	9.84 inch
30 cm	300 %	11.81 inch

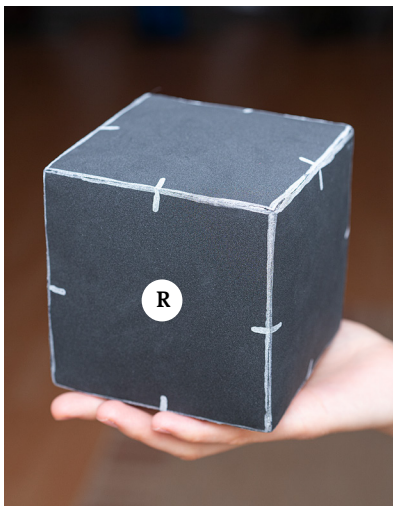
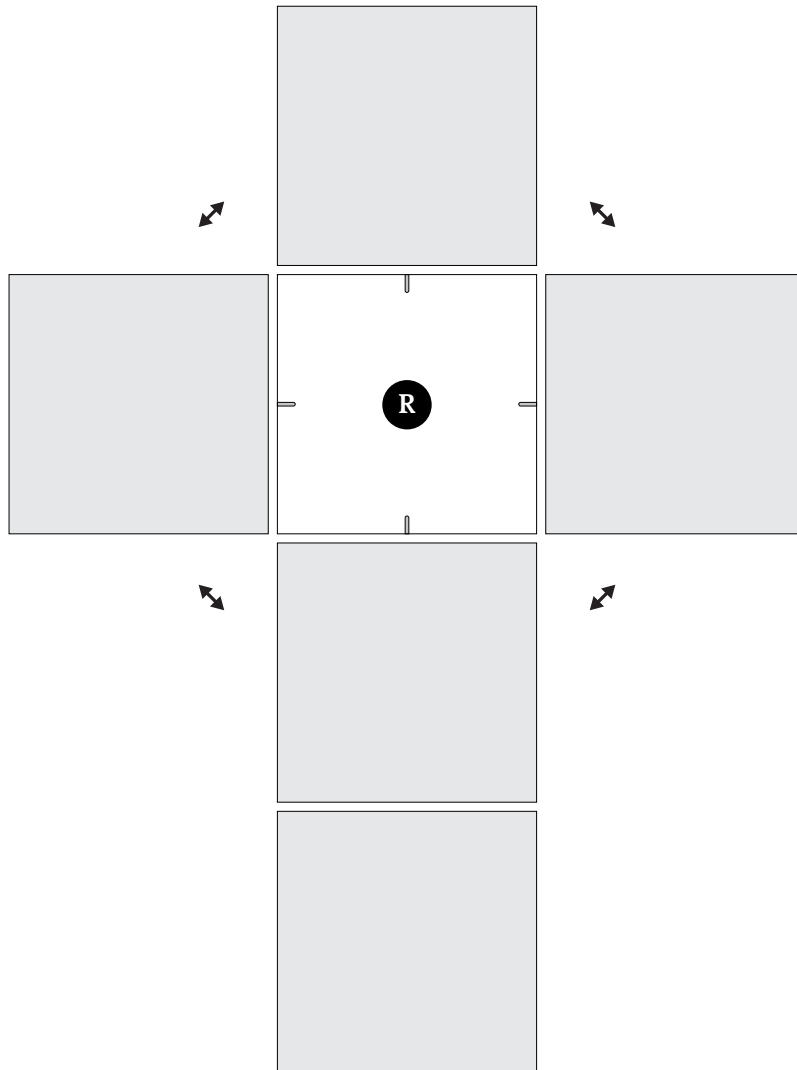
Egg



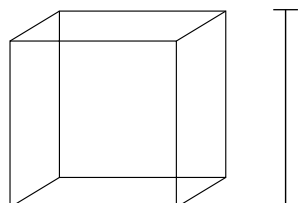
Cube

Original height: 10 cm

Print page 42



100% Scale. Height 10 cm



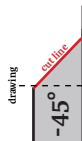
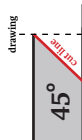
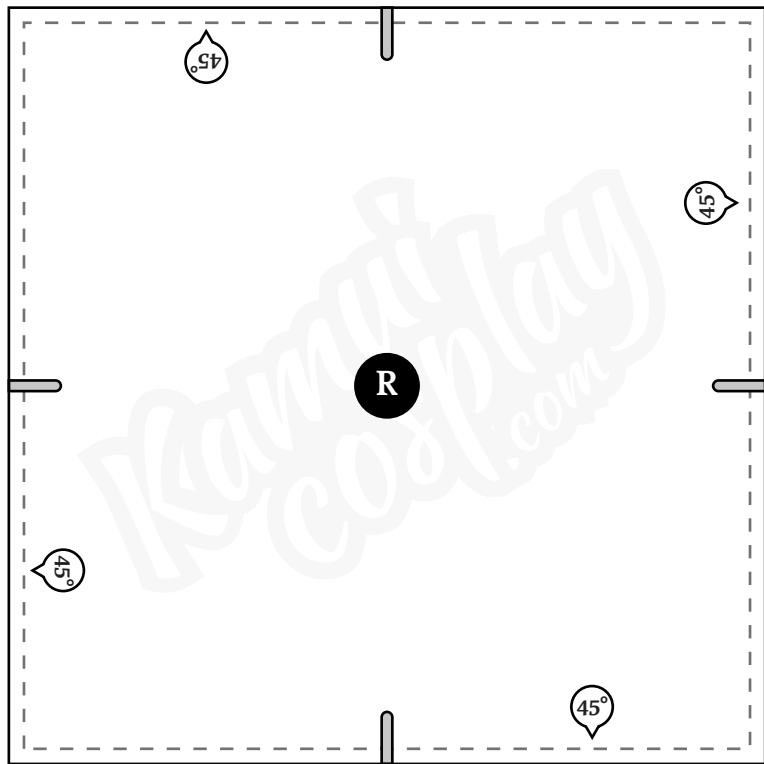
How to scale:

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1.5 cm	15 %	0.59 inch
2 cm	20 %	0.79 inch
2.5 cm	25 %	0.98 inch
3 cm	30 %	1.18 inch
4 cm	40 %	1.57 inch
5 cm	50 %	1.97 inch
6 cm	60 %	2.36 inch
7 cm	70 %	2.76 inch
8 cm	80 %	3.15 inch
9 cm	90 %	3.54 inch
10 cm	100 %	3.94 inch
12 cm	120 %	4.72 inch
14 cm	140 %	5.51 inch
16 cm	160 %	6.3 inch
18 cm	180 %	7.09 inch
20 cm	200 %	7.87 inch
25 cm	250 %	9.84 inch
30 cm	300 %	11.81 inch

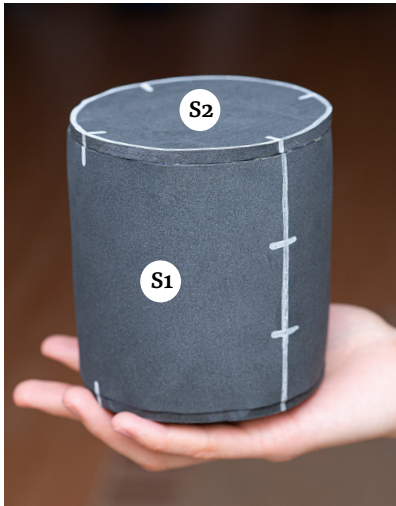
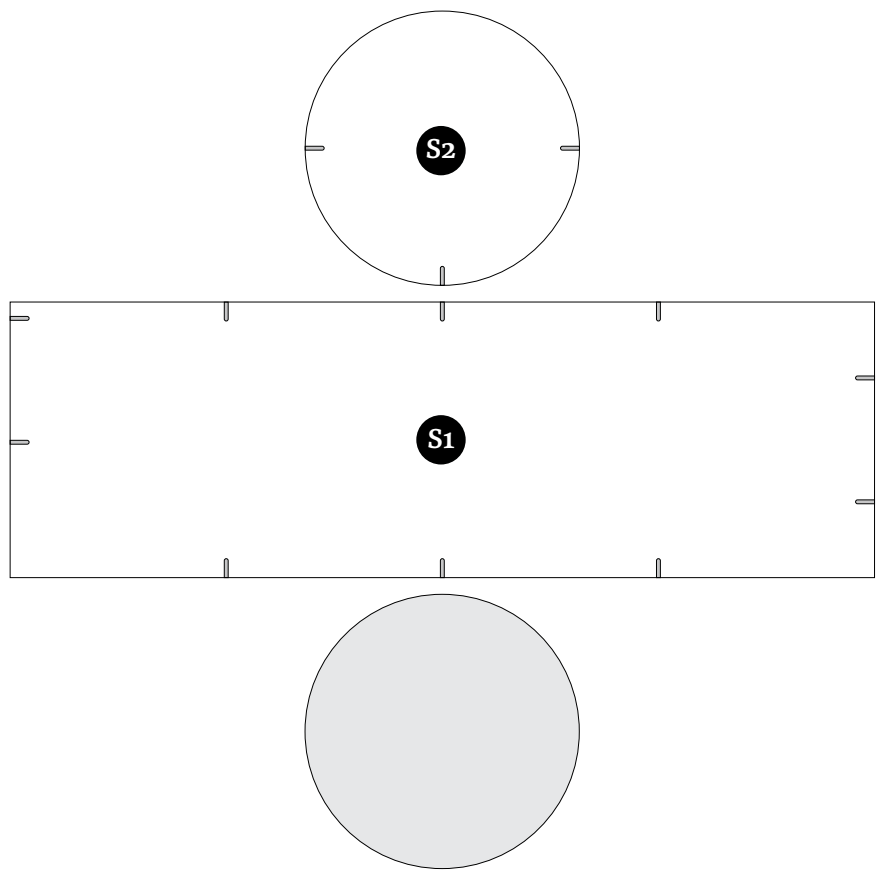
Cube



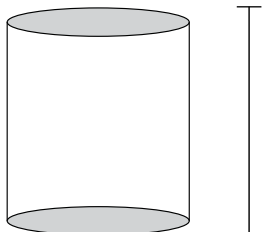
Cylinder

Original height: 10 cm

Print page 44



100% Scale. Height 10 cm



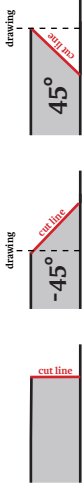
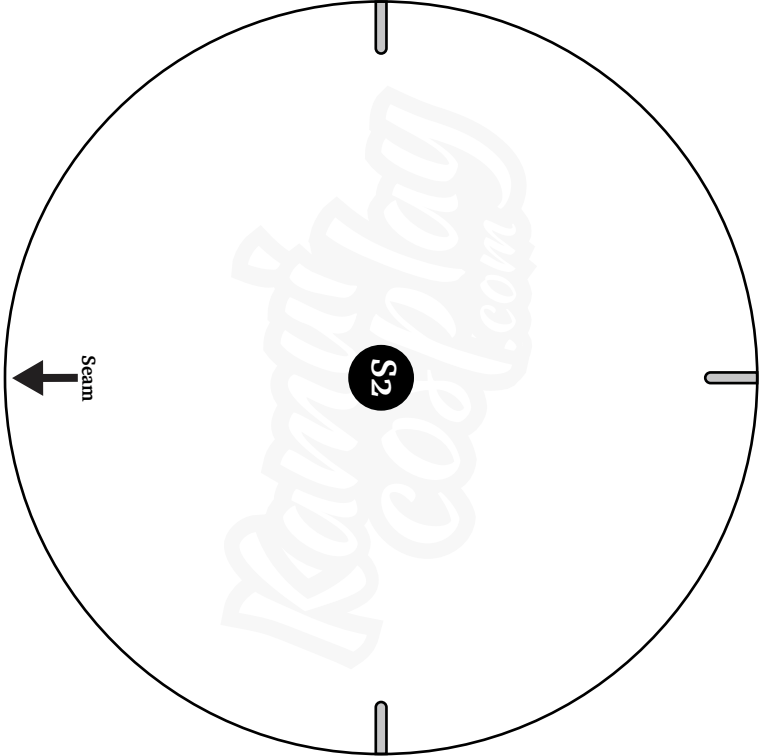
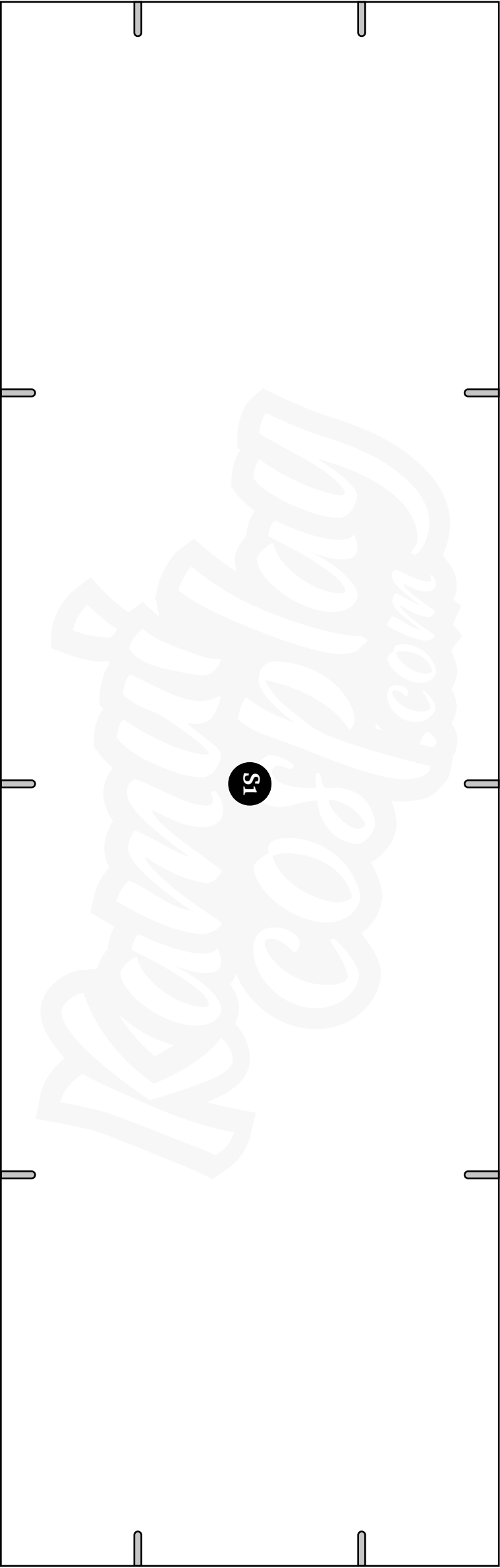
How to scale:

Every shape in this pattern collection starts at **100%**.

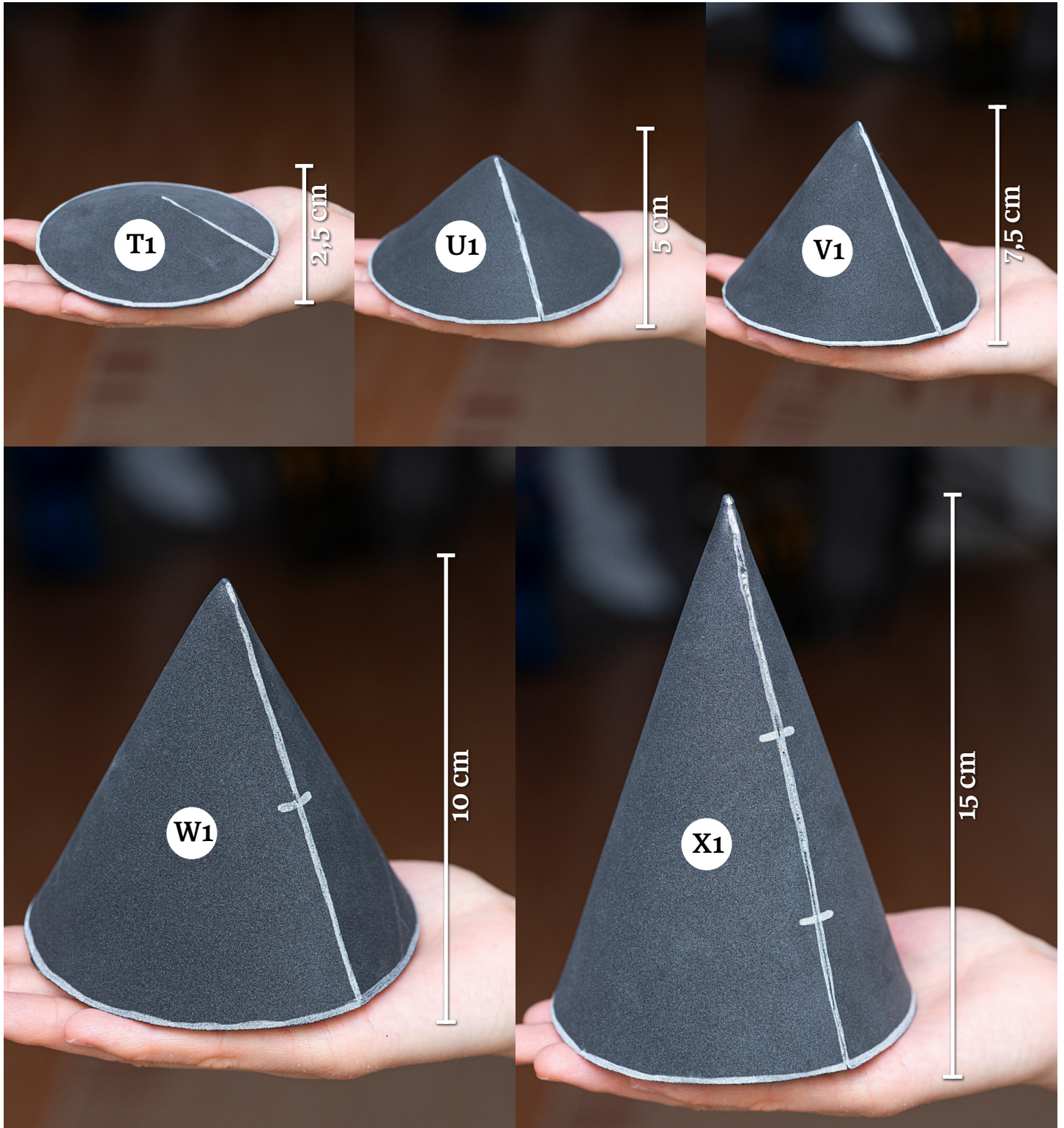
If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
0.5 cm	5 %	0.2 inch
1 cm	10 %	0.39 inch
1.5 cm	15 %	0.59 inch
2 cm	20 %	0.79 inch
2.5 cm	25 %	0.98 inch
3 cm	30 %	1.18 inch
4 cm	40 %	1.57 inch
5 cm	50 %	1.97 inch
6 cm	60 %	2.36 inch
7 cm	70 %	2.76 inch
8 cm	80 %	3.15 inch
9 cm	90 %	3.54 inch
10 cm	100 %	3.94 inch
12 cm	120 %	4.72 inch
14 cm	140 %	5.51 inch
16 cm	160 %	6.3 inch
18 cm	180 %	7.09 inch
20 cm	200 %	7.87 inch
25 cm	250 %	9.84 inch
30 cm	300 %	11.81 inch

Cylinder



Cones



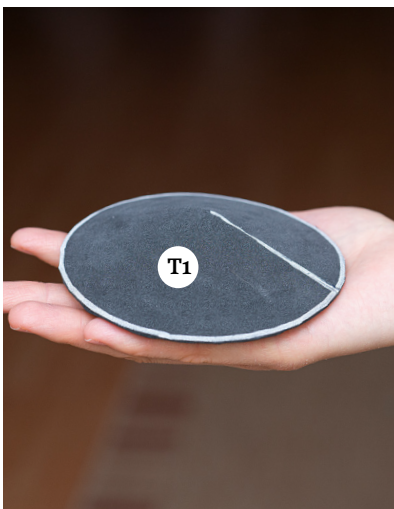
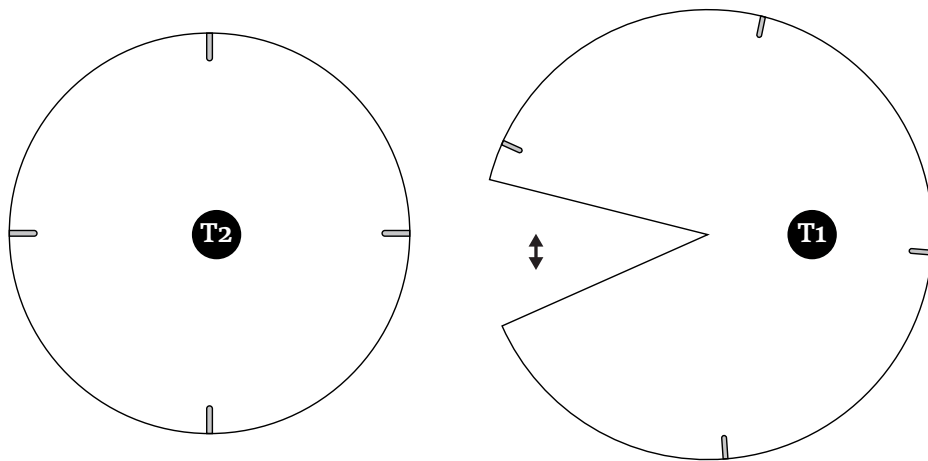
The cone comes in 5 different angles/heights.

Bottom plates are optional and not included in the photo.

Cone T

Original height: 2.5 cm

Print page 47



100% Scale. Height 2.5 cm



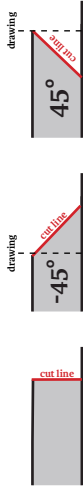
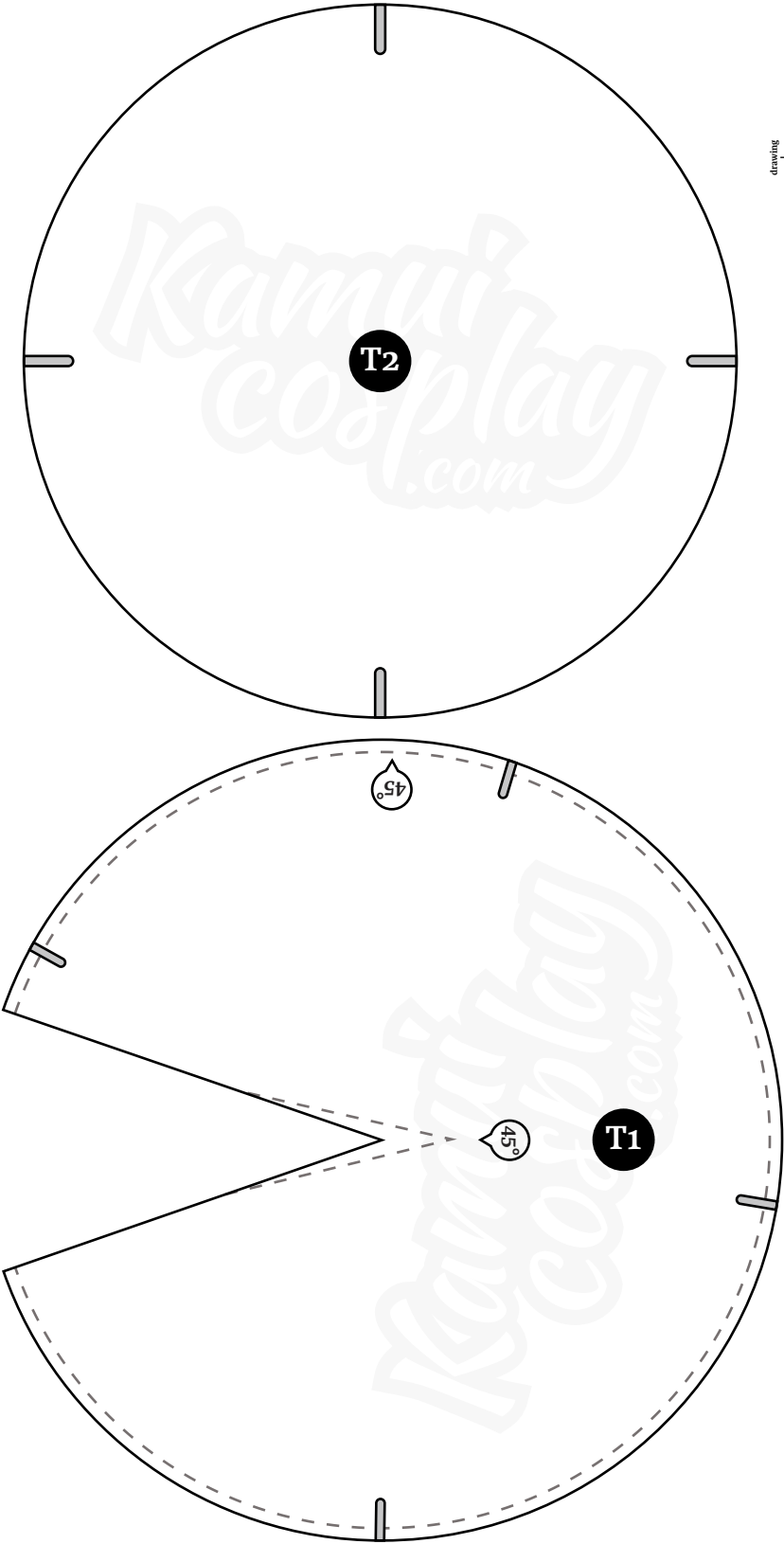
How to scale:

Every shape in this pattern collection starts at **100%**.

If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
0.5 cm	20 %	0.2 inch
1 cm	40 %	0.39 inch
1.5 cm	60 %	0.59 inch
2 cm	80 %	0.79 inch
2.5 cm	100 %	0.98 inch
3 cm	120 %	1.18 inch
4 cm	160 %	1.57 inch
5 cm	200 %	1.97 inch
6 cm	240 %	2.36 inch
7 cm	280 %	2.76 inch
8 cm	320 %	3.15 inch
9 cm	360 %	3.54 inch
10 cm	400 %	3.94 inch
12 cm	480 %	4.72 inch
14 cm	560 %	5.51 inch
16 cm	640 %	6.3 inch
18 cm	720 %	7.09 inch
20 cm	800 %	7.87 inch
25 cm	1000 %	9.84 inch
30 cm	1200 %	11.81 inch

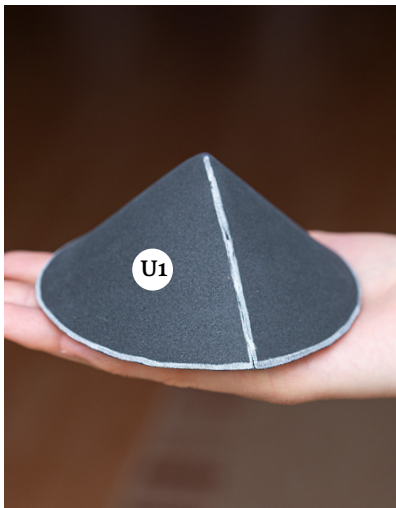
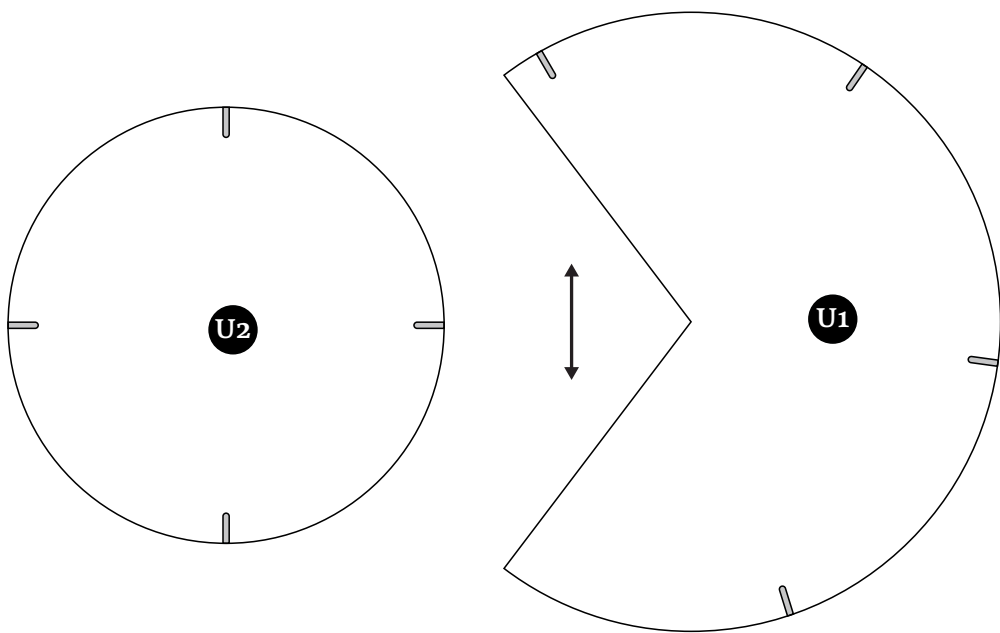
Cone T



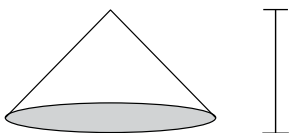
Cone U

Original height: 5 cm

Print page 49



100% Scale. Height 5 cm



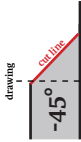
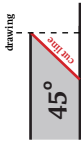
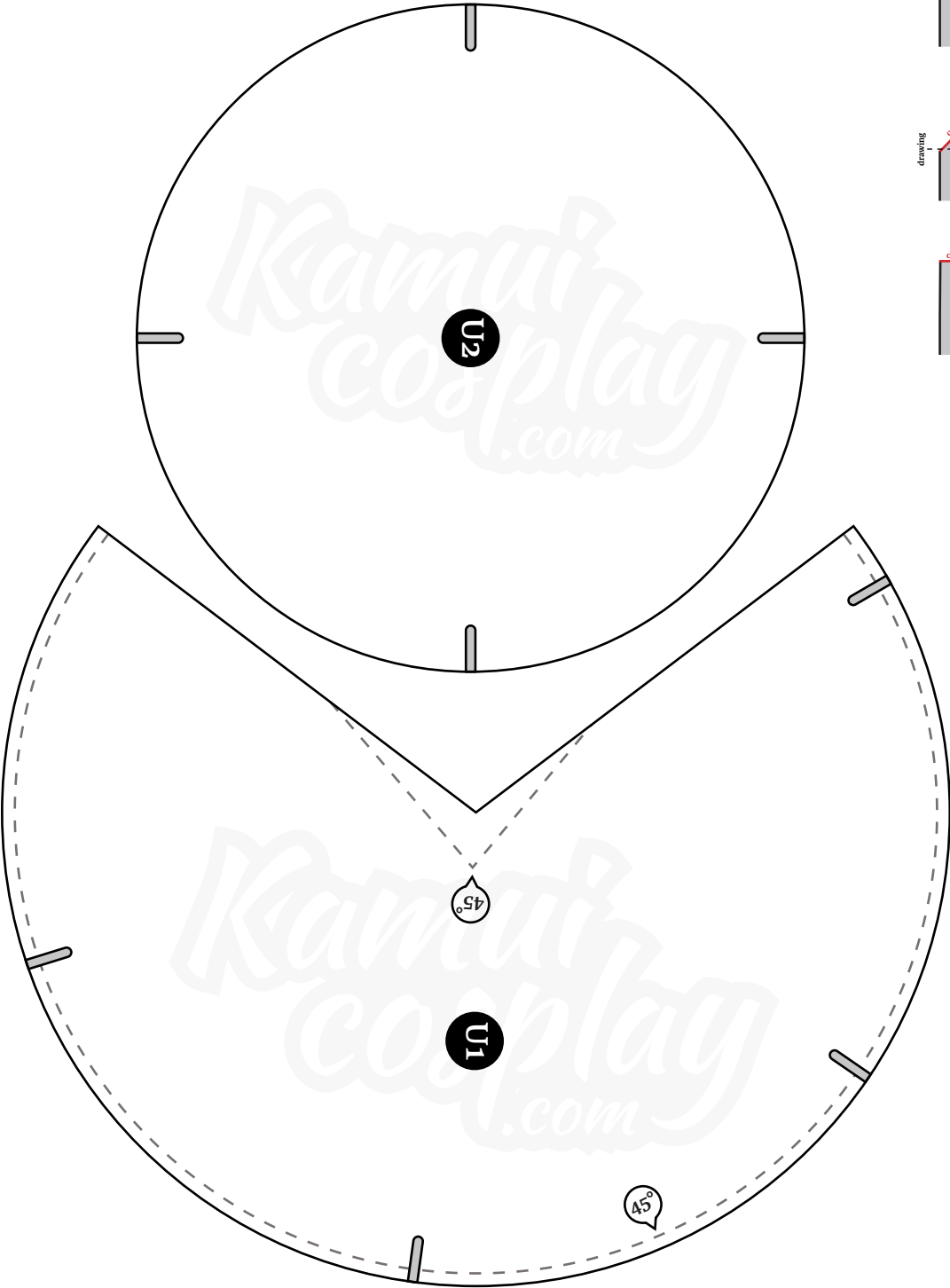
How to scale:

Every shape in this pattern collection starts at **100%**.

If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
0.5 cm	10 %	0.2 inch
1 cm	20 %	0.39 inch
1.5 cm	30 %	0.59 inch
2 cm	40 %	0.79 inch
2.5 cm	50 %	0.98 inch
3 cm	60 %	1.18 inch
4 cm	80 %	1.57 inch
5 cm	100 %	1.97 inch
6 cm	120 %	2.36 inch
7 cm	140 %	2.76 inch
8 cm	160 %	3.15 inch
9 cm	180 %	3.54 inch
10 cm	200 %	3.94 inch
12 cm	240 %	4.72 inch
14 cm	280 %	5.51 inch
16 cm	320 %	6.3 inch
18 cm	360 %	7.09 inch
20 cm	400 %	7.87 inch
25 cm	500 %	9.84 inch
30 cm	600 %	11.81 inch

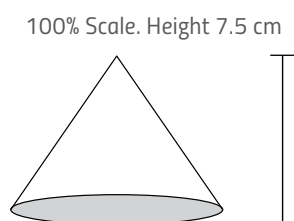
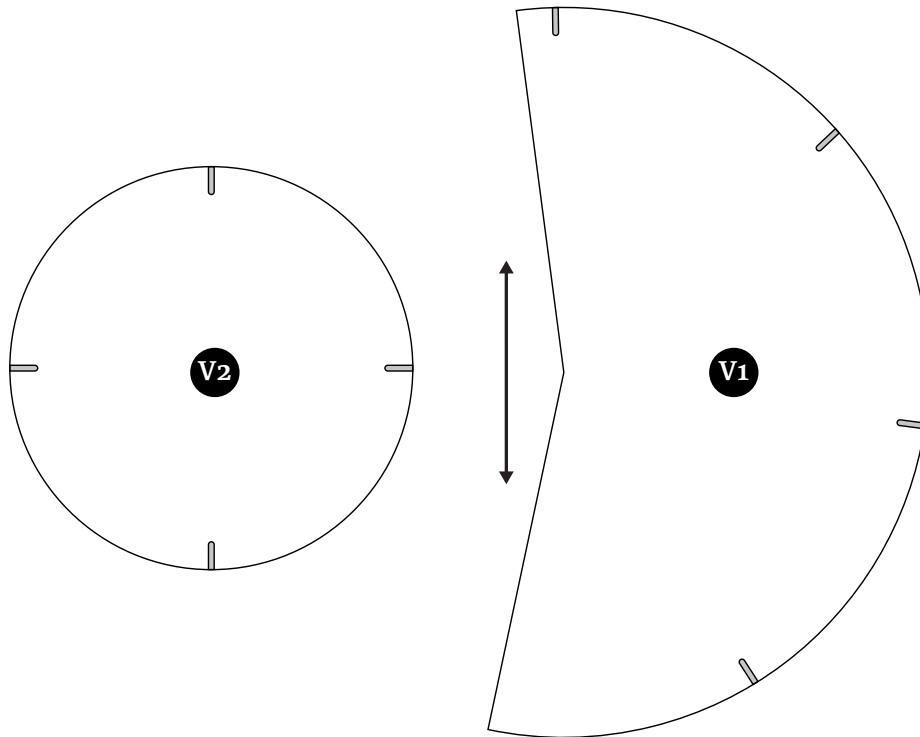
Cone U



Cone V

Original height: 7.5 cm

Print page 51



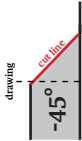
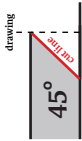
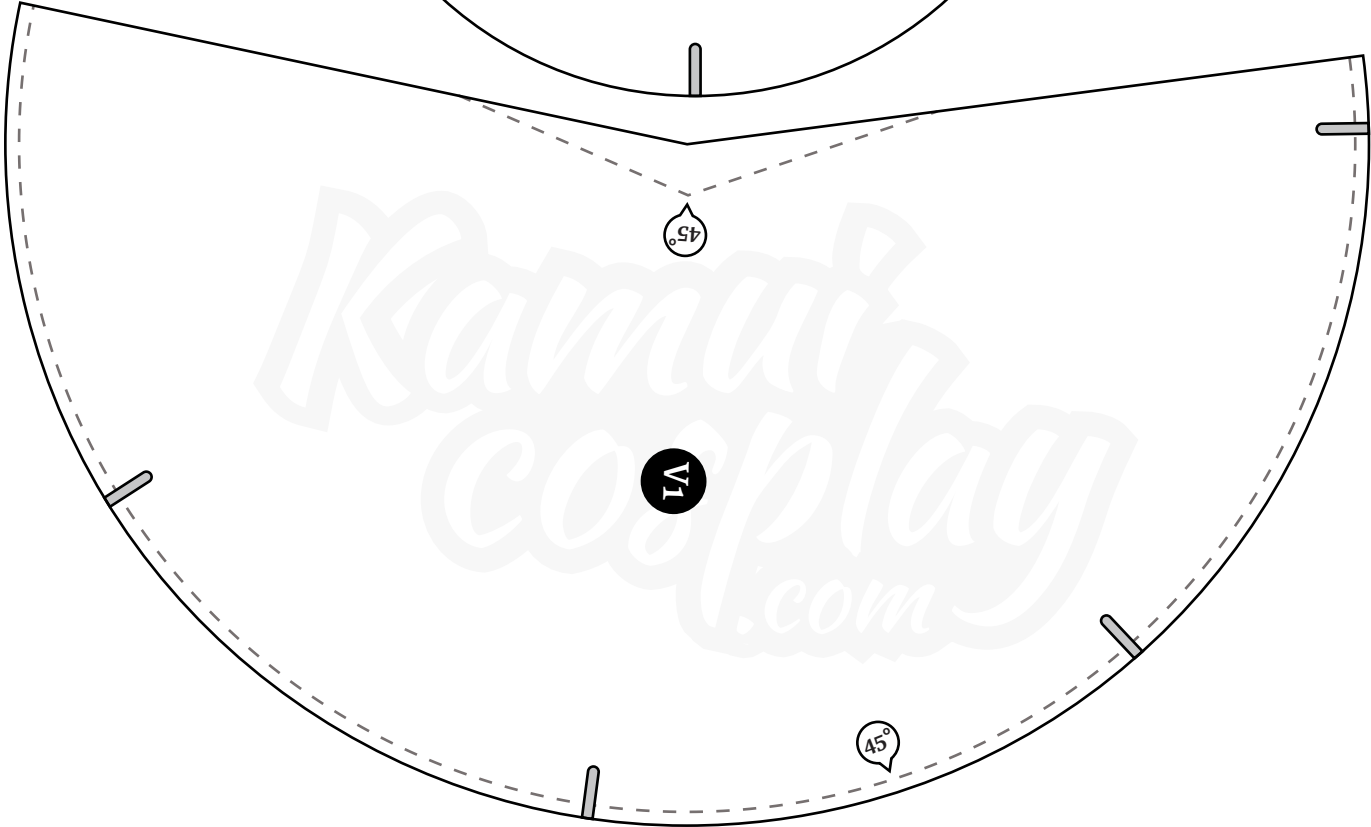
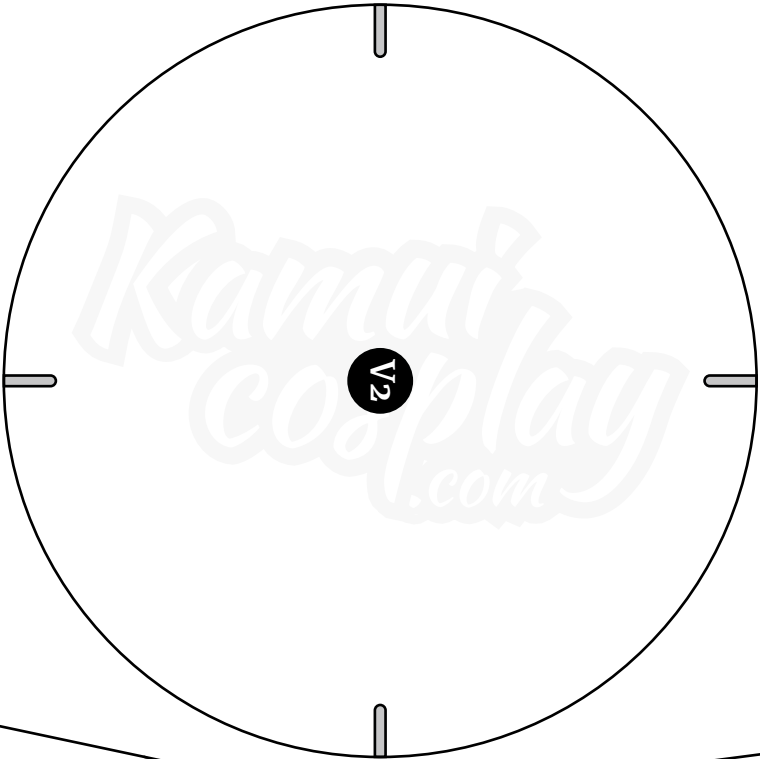
How to scale:

Every shape in this pattern collection starts at **100%**.

If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
0.5 cm	6.7 %	0.2 inch
1 cm	13.4 %	0.39 inch
1.5 cm	20 %	0.59 inch
2 cm	26.7 %	0.79 inch
2.5 cm	33.3 %	0.98 inch
3 cm	40 %	1.18 inch
4 cm	53.3 %	1.57 inch
5 cm	66.6 %	1.97 inch
6 cm	80 %	2.36 inch
7.5 cm	100 %	2.95 inch
8 cm	106.6 %	3.15 inch
9 cm	120 %	3.54 inch
10 cm	134 %	3.94 inch
12 cm	160 %	4.72 inch
14 cm	186 %	5.51 inch
16 cm	213 %	6.3 inch
18 cm	240 %	7.09 inch
20 cm	266 %	7.87 inch
25 cm	334 %	9.84 inch
30 cm	400 %	11.81 inch

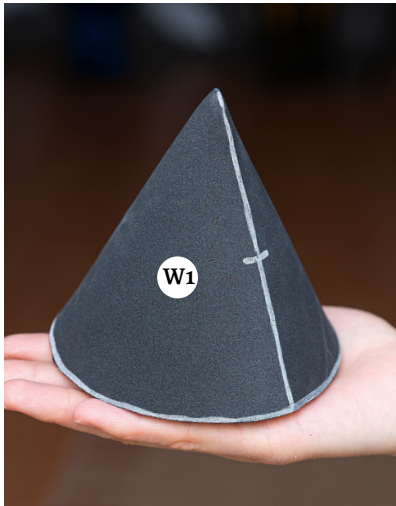
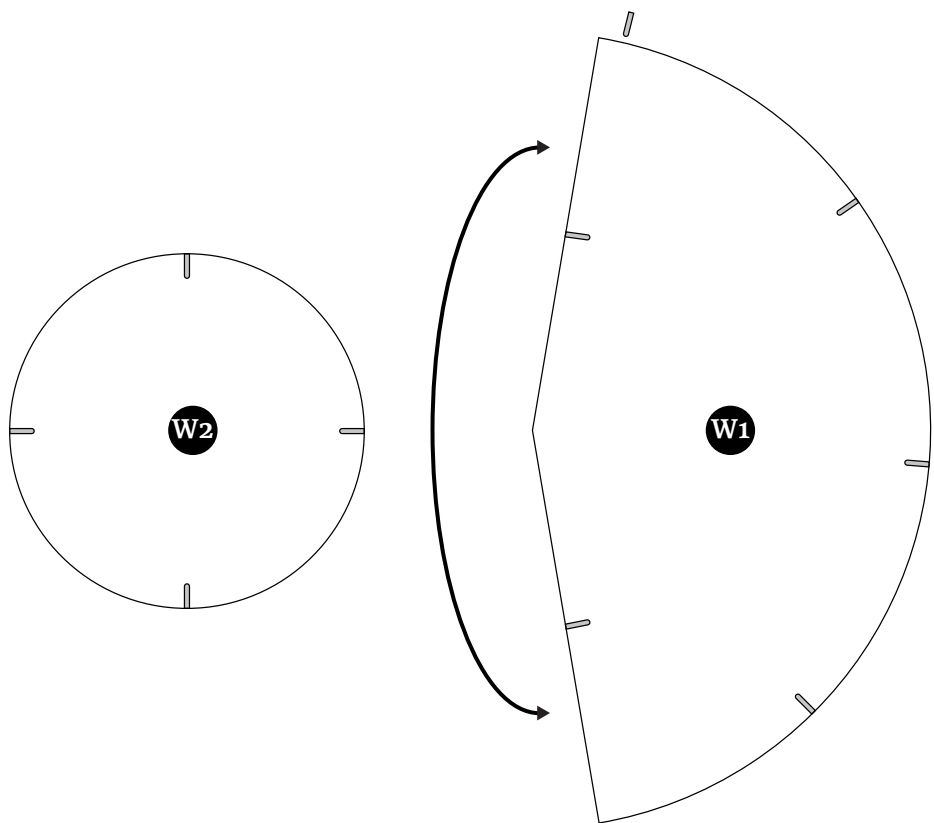
Cone V



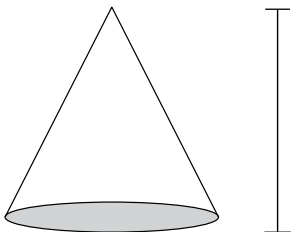
Cone W

Original height: 10 cm

Print page 53



100% Scale. Height 10 cm



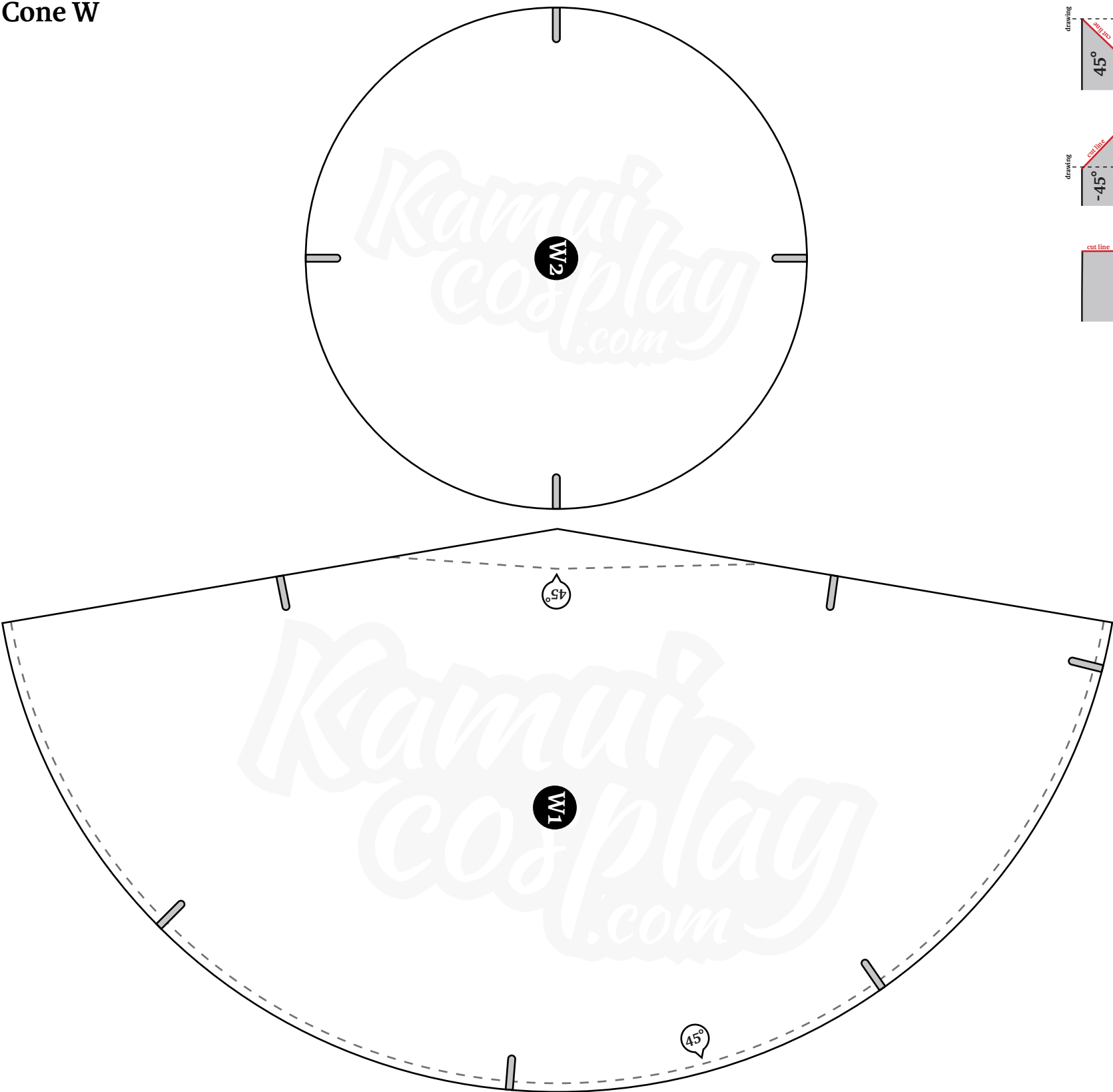
How to scale:

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0.5 cm	5 %	0.2 inch
1 cm	10 %	0.39 inch
1.5 cm	15 %	0.59 inch
2 cm	20 %	0.79 inch
2.5 cm	25 %	0.98 inch
3 cm	30 %	1.18 inch
4 cm	40 %	1.57 inch
5 cm	50 %	1.97 inch
6 cm	60 %	2.36 inch
7 cm	70 %	2.76 inch
8 cm	80 %	3.15 inch
9 cm	90 %	3.54 inch
10 cm	100 %	3.94 inch
12 cm	120 %	4.72 inch
14 cm	140 %	5.51 inch
16 cm	160 %	6.3 inch
18 cm	180 %	7.09 inch
20 cm	200 %	7.87 inch
25 cm	250 %	9.84 inch
30 cm	300 %	11.81 inch

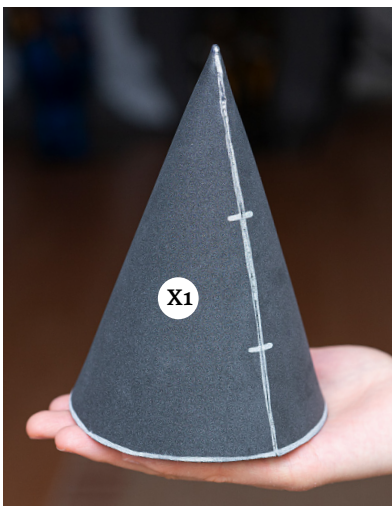
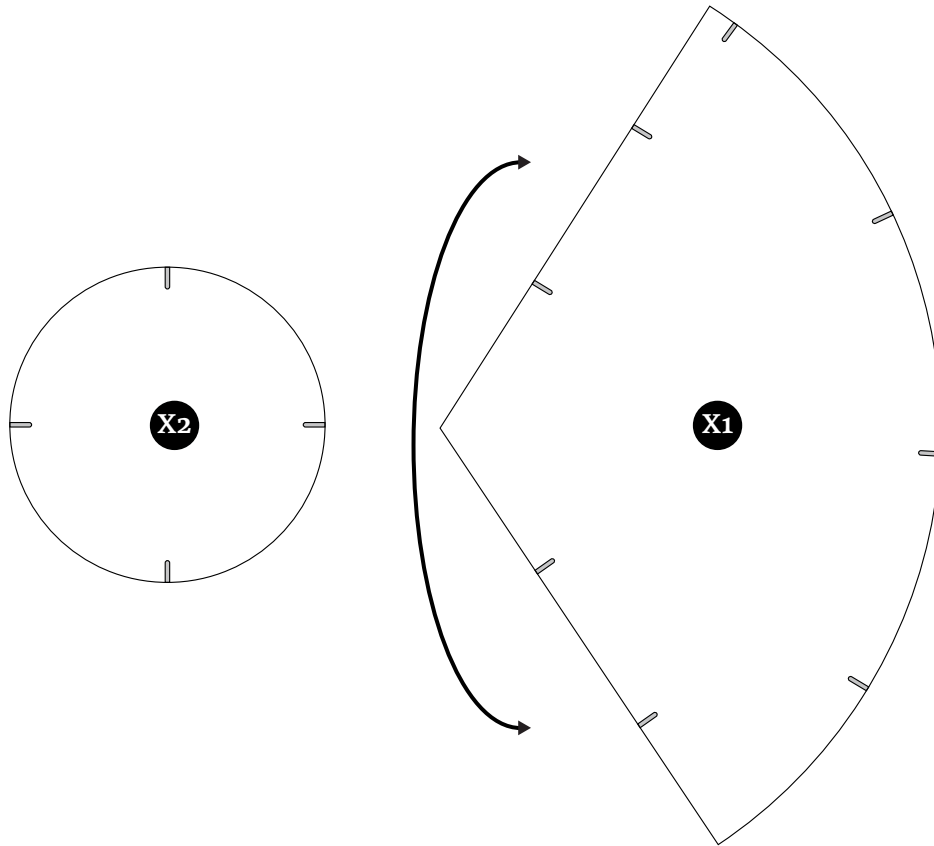
Cone W



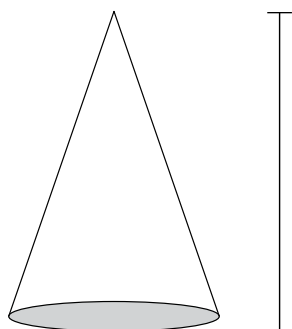
Cone X

Original height: 15 cm

Print page 55



100% Scale. Height 15 cm



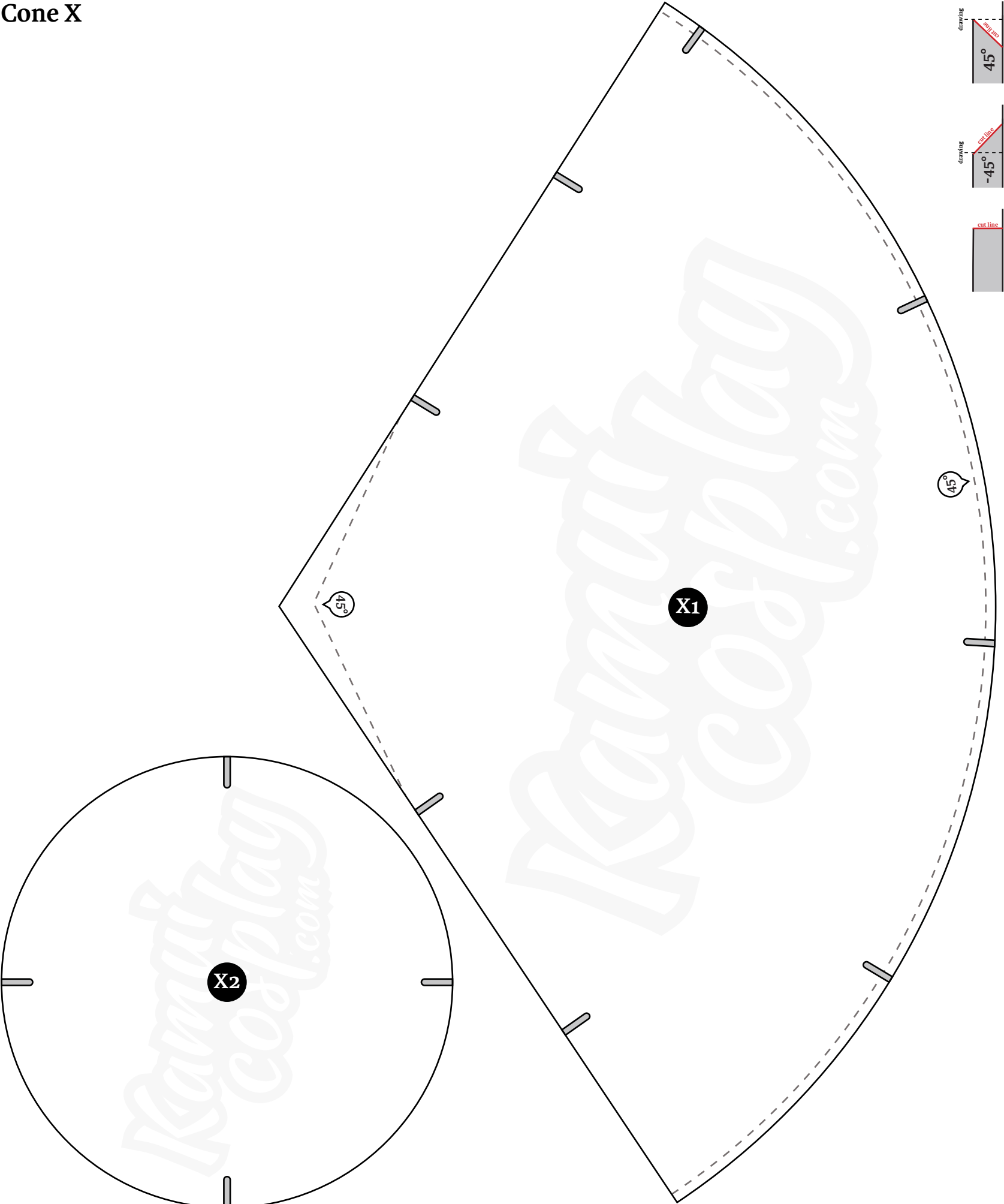
How to scale:

Every shape in this pattern collection starts at **100%**.

If you want this shape larger or smaller, just choose the height you need and enter the fitting scale value into your print window.

Height in cm	Print in scale	Height in inch
1 cm	6.7 %	0.39 inch
1.5 cm	10 %	0.59 inch
2 cm	13.3 %	0.79 inch
2.5 cm	16.7 %	0.98 inch
3 cm	20 %	1.18 inch
4 cm	26.7 %	1.57 inch
5 cm	33.3 %	1.97 inch
6 cm	40 %	2.36 inch
7 cm	46.7 %	2.76 inch
8 cm	53.3 %	3.15 inch
9 cm	60 %	3.54 inch
10 cm	67 %	3.94 inch
12 cm	80 %	4.72 inch
14 cm	93.5 %	5.51 inch
15 cm	100 %	5.9 inch
16 cm	106.6 %	6.3 inch
18 cm	120 %	7.09 inch
20 cm	133.3 %	7.87 inch
25 cm	166.6 %	9.84 inch
30 cm	200 %	11.81 inch

Cone X



I really hope these patterns are an inspiration to you and will help you to create your own awesome props and costumes!

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