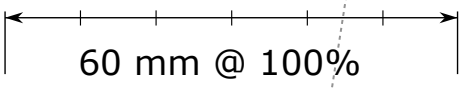
Pizza Oven

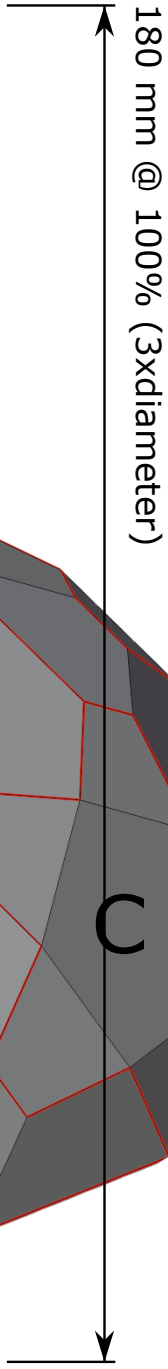
Daniel Drageryd 2021

Inner Dome

By default the inner dome has a diameter of 60 cm.
Adjust this diameter to another value by scaling the print of pages 2-10
according to the following calculation:
Scale factor = Desired diameter in cetimeters / 60

For example:
40 cm - 66.7%
50 cm - 83.3%
60 cm - 100%
70 cm - 116.7%
80 cm - 133.3%
90 cm - 150%
100 cm - 166.7%

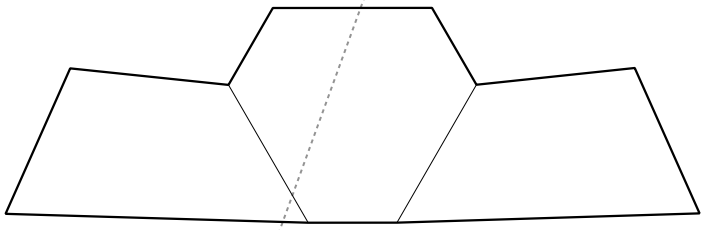


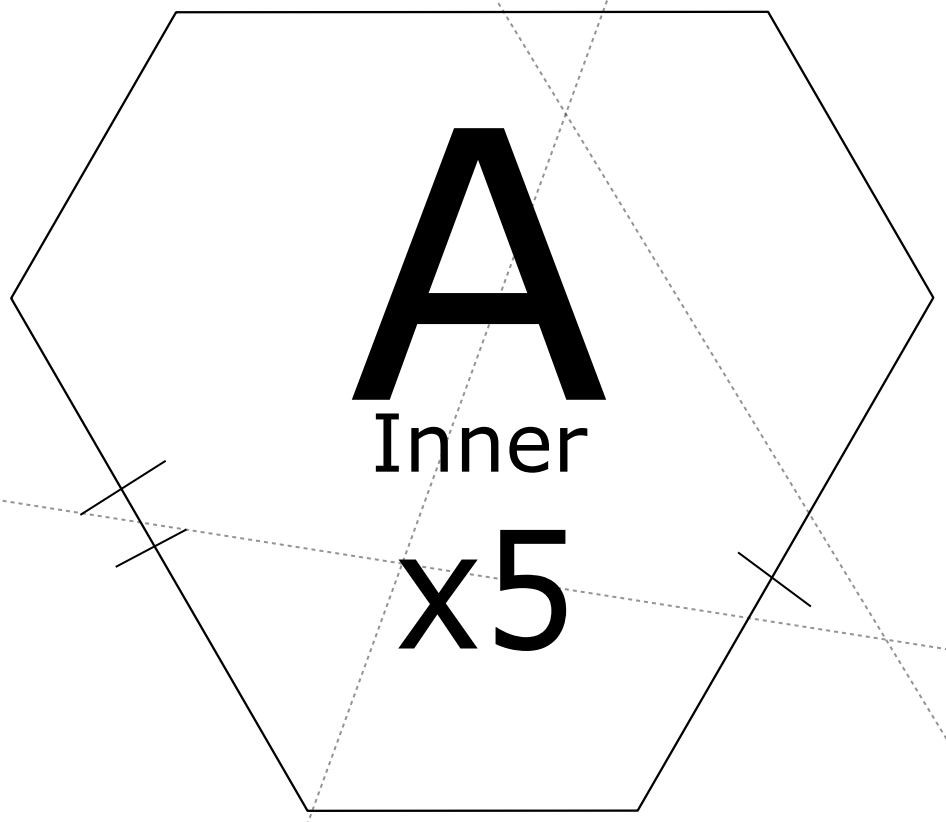


Verify this by measuring the length of this ruler where the length
of the ruler in mm corresponds to the dome diameter in cm.
Your printer settings may need fine adjustment to get the "100%",
(for example I had to print at 105% to get the correct ruler length).

Part A

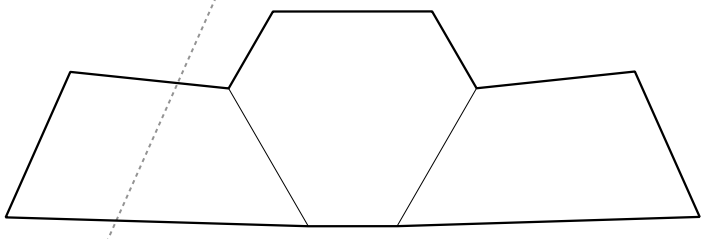
Inner dome
(1/3)

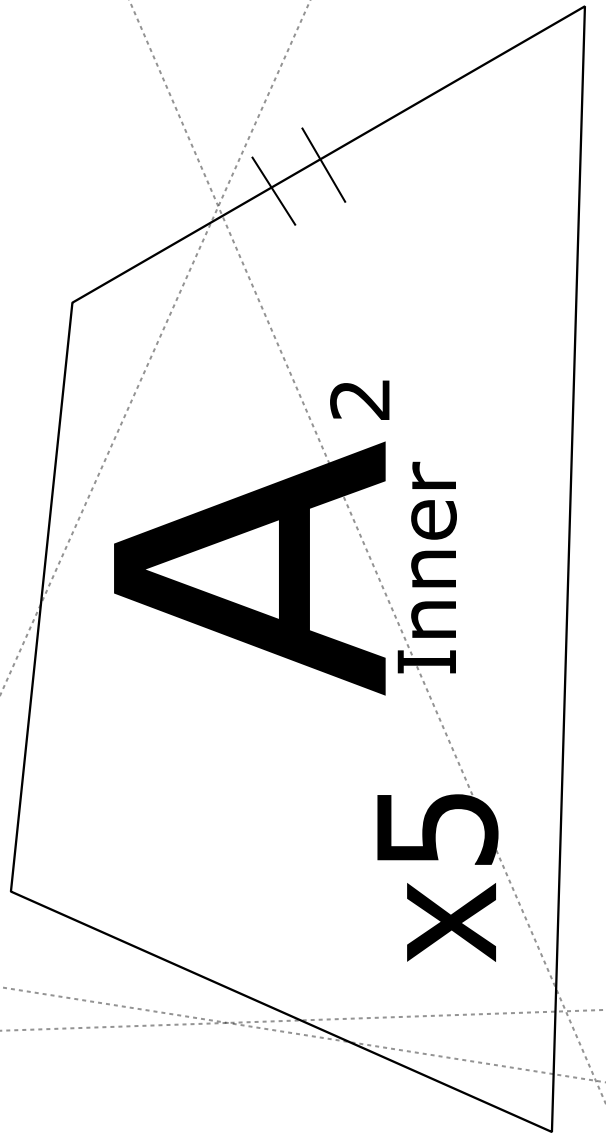




Part A

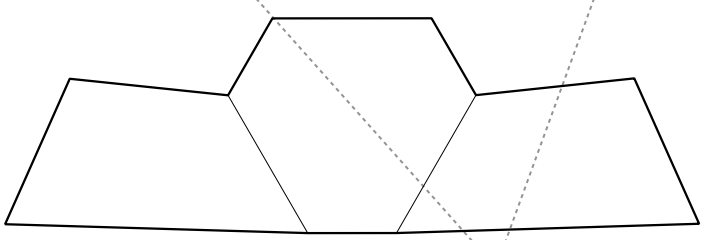
Inner dome
(2/3)

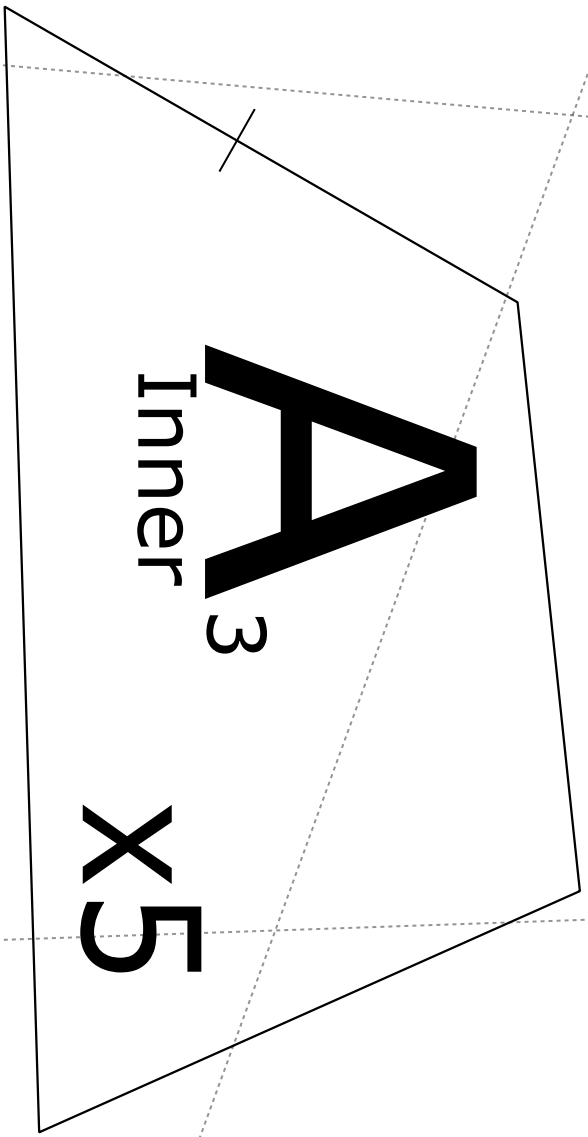




Part A

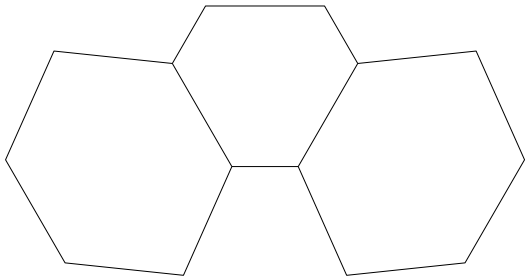
Inner dome
(3/3)

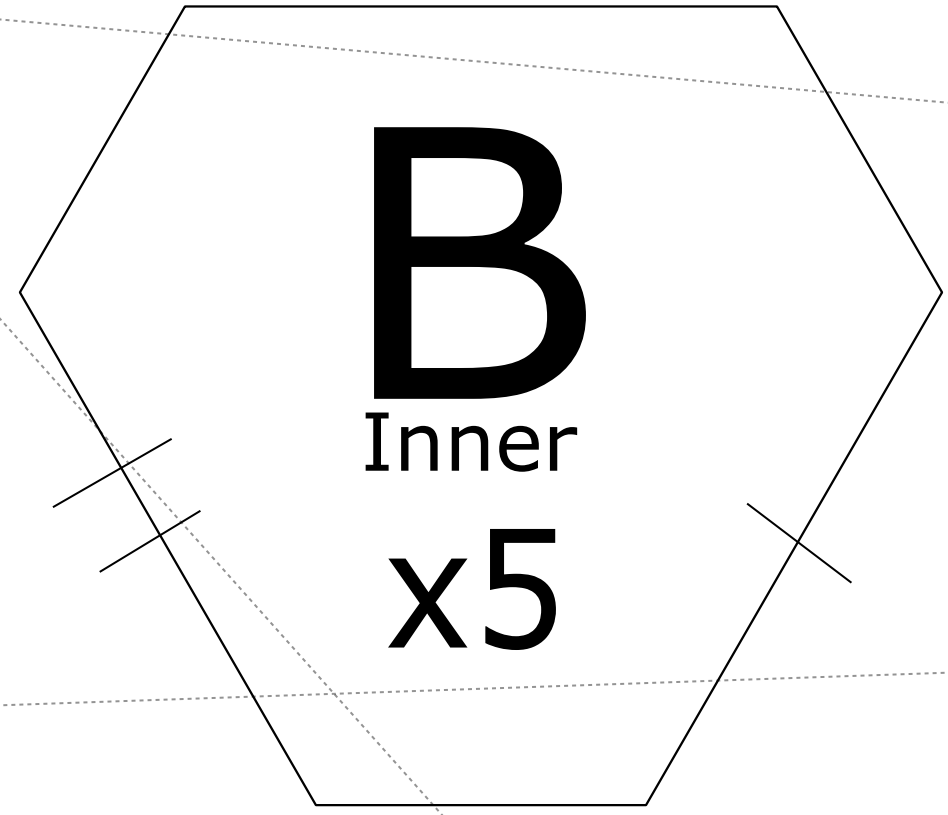




Part B

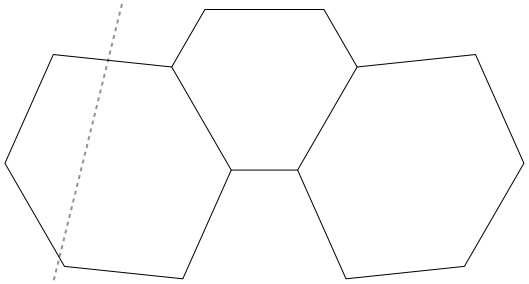
Inner dome
(1/3)

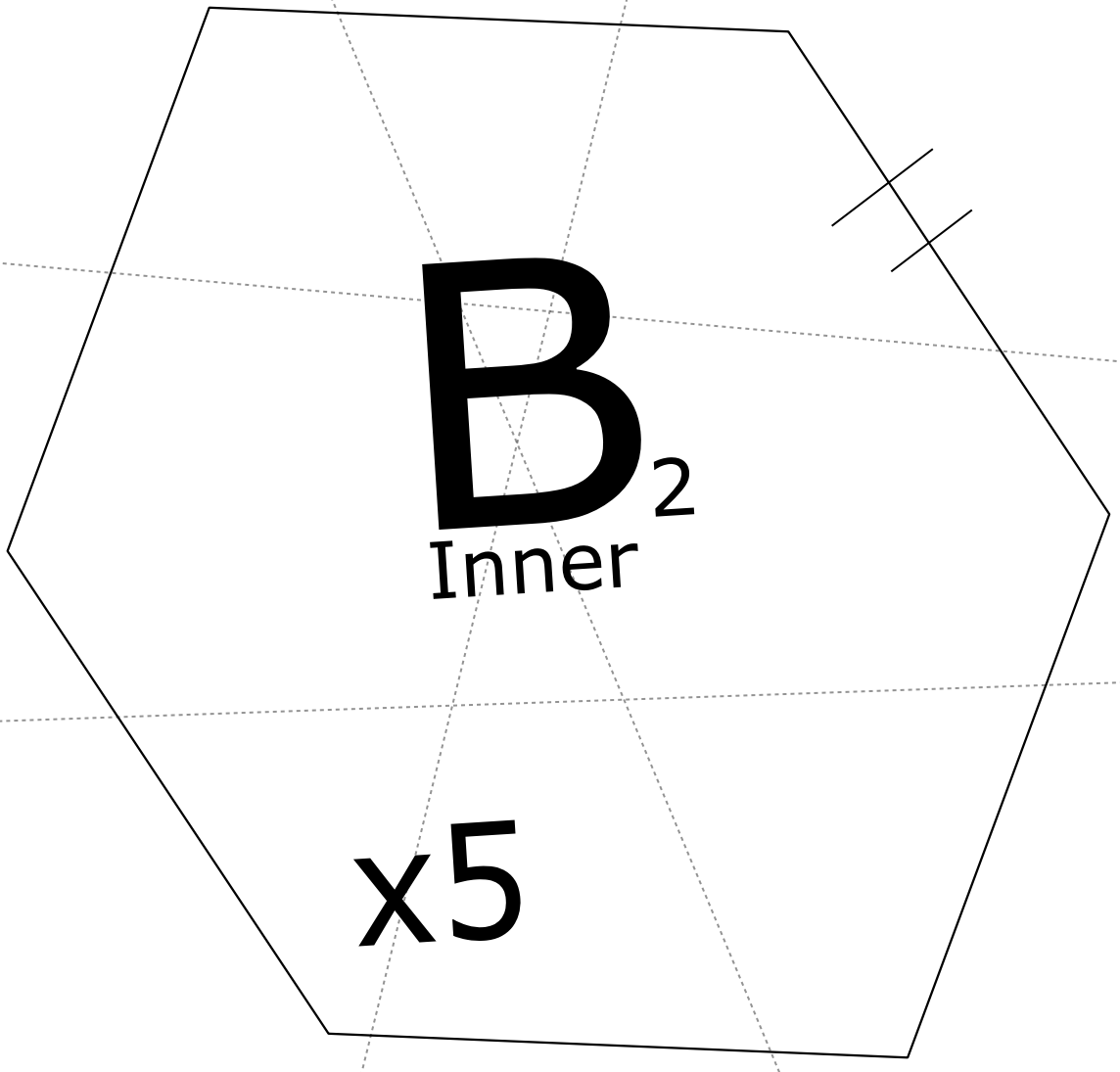




Part B

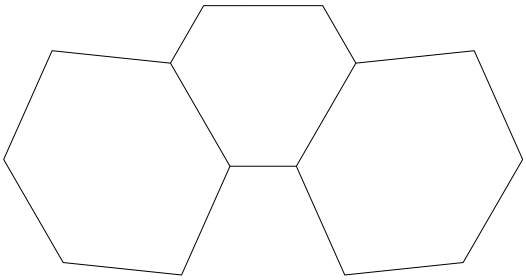
Inner dome
(2/3)

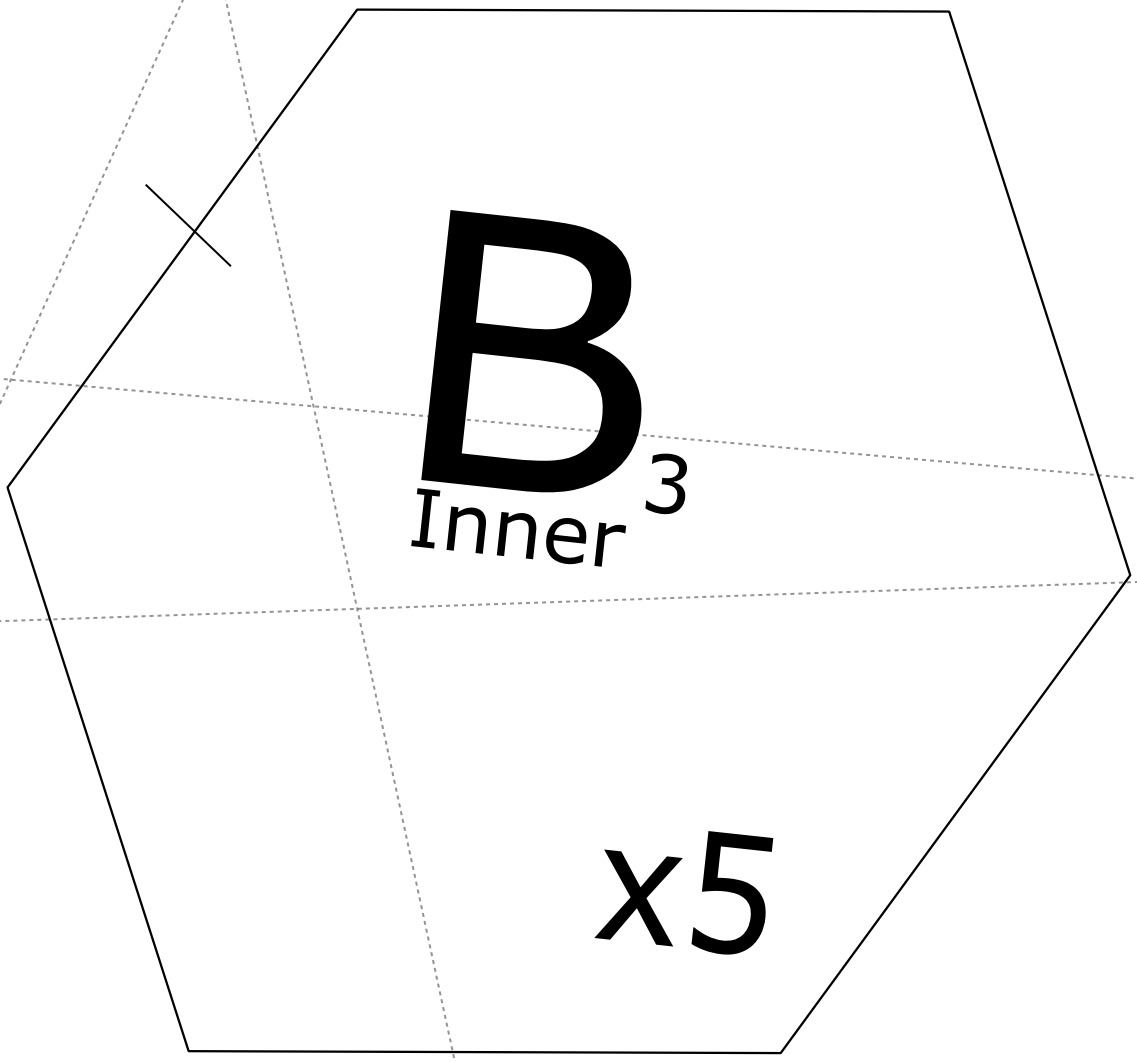




Part B

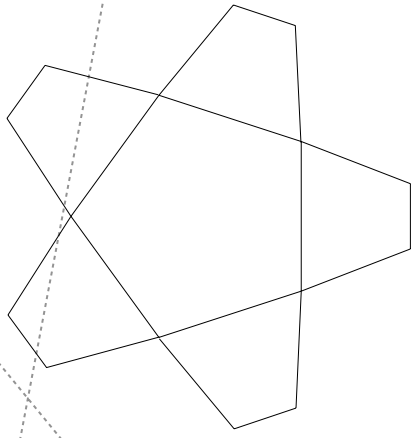
Inner dome
(3/3)

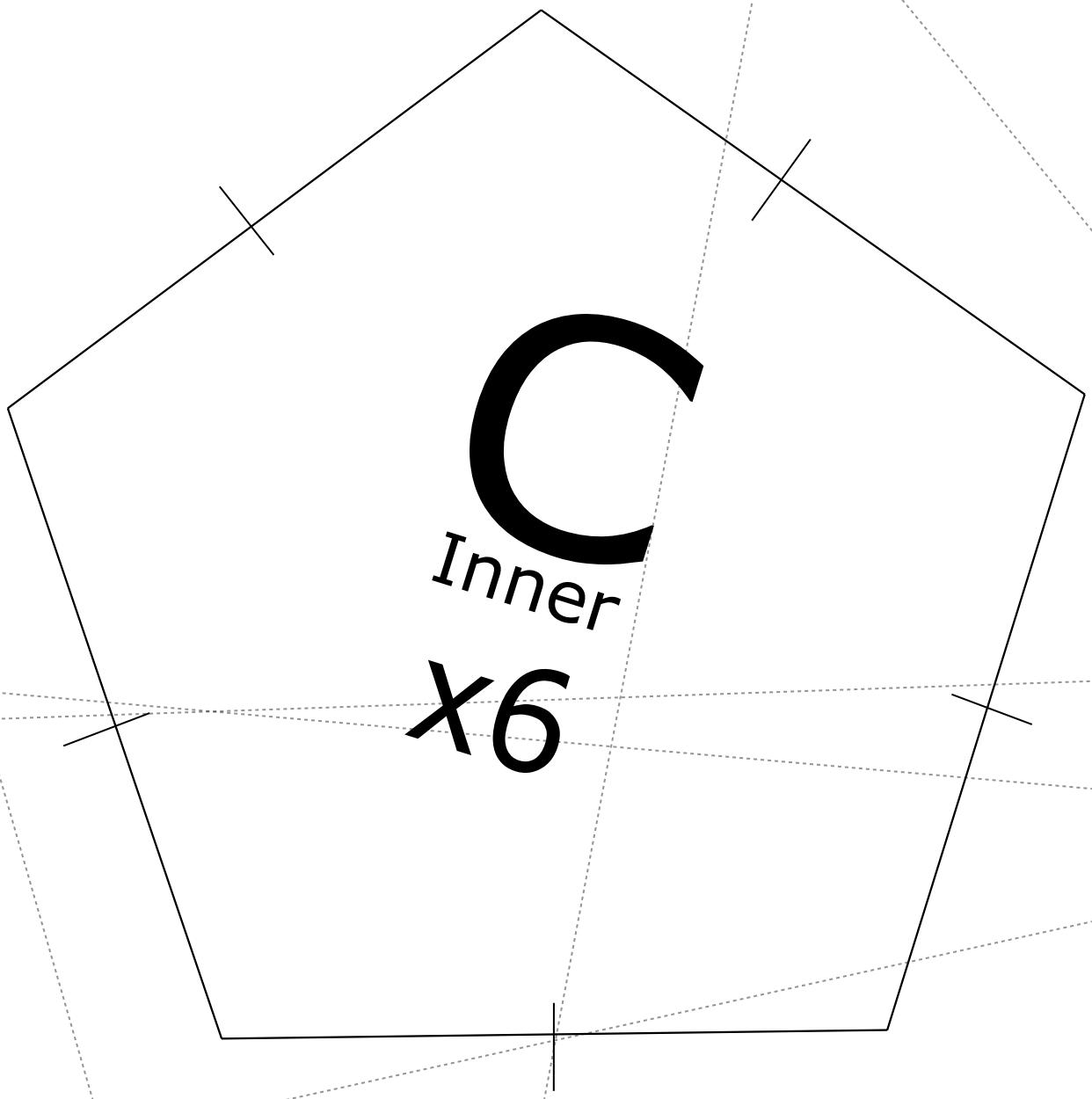




Part C

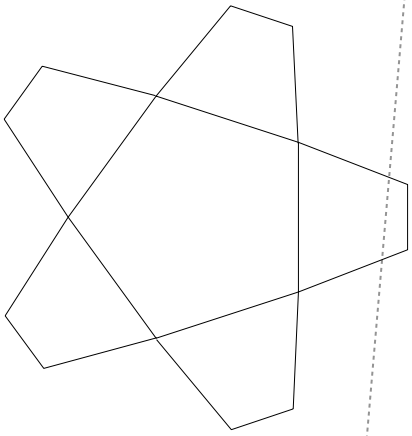
Inner dome
(1/2)

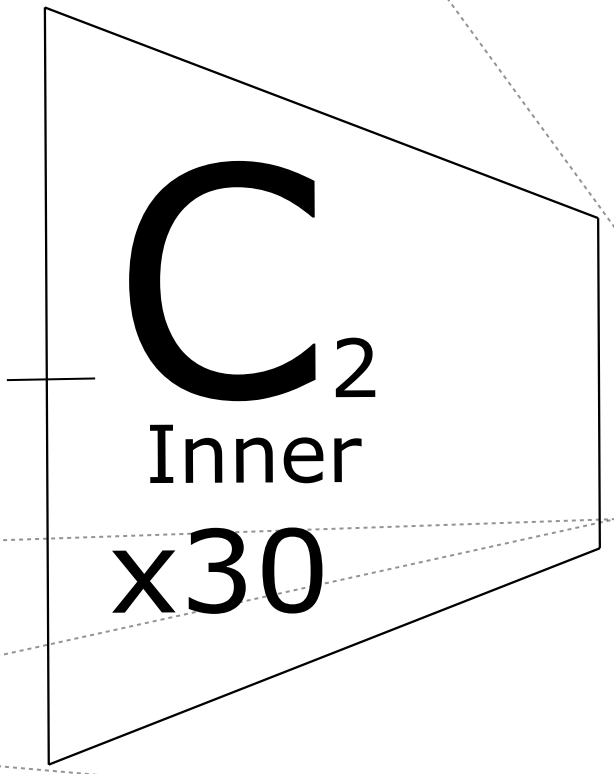




Part C

Inner dome (2/2)



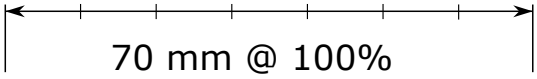


Outer Dome

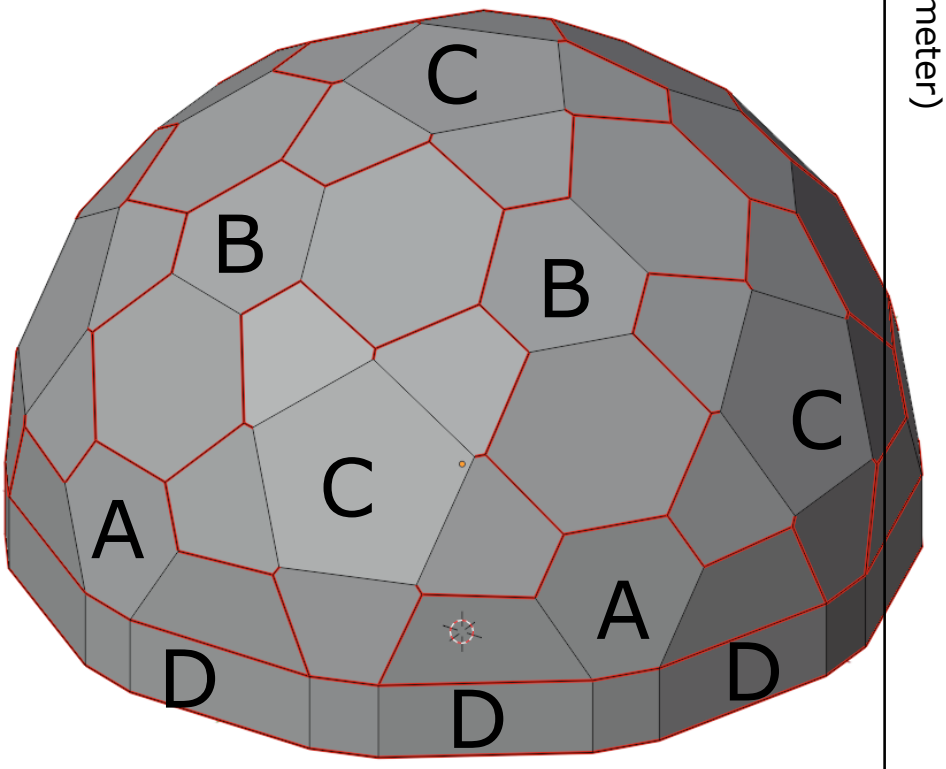
By default the outer dome has a diameter of 70 cm.

This leaves a space of 5m for insulation between the domes.
Adjust this diameter to another value by scaling the print of pages 11-21
according to the following calculation:
Scale factor = Desired diameter in cetimeters / 70

For example:
50 cm - 71.4%
60 cm - 85.7%
70 cm - 100%
80 cm - 114.3%
90 cm - 128.6%
100 cm - 142.9%
110 cm - 157.1%



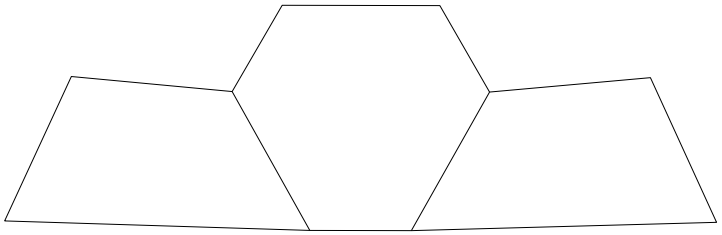
Verify this by measuring the length of the ruler where the length
of the ruler in mm corresponds to the dome diameter in cm.

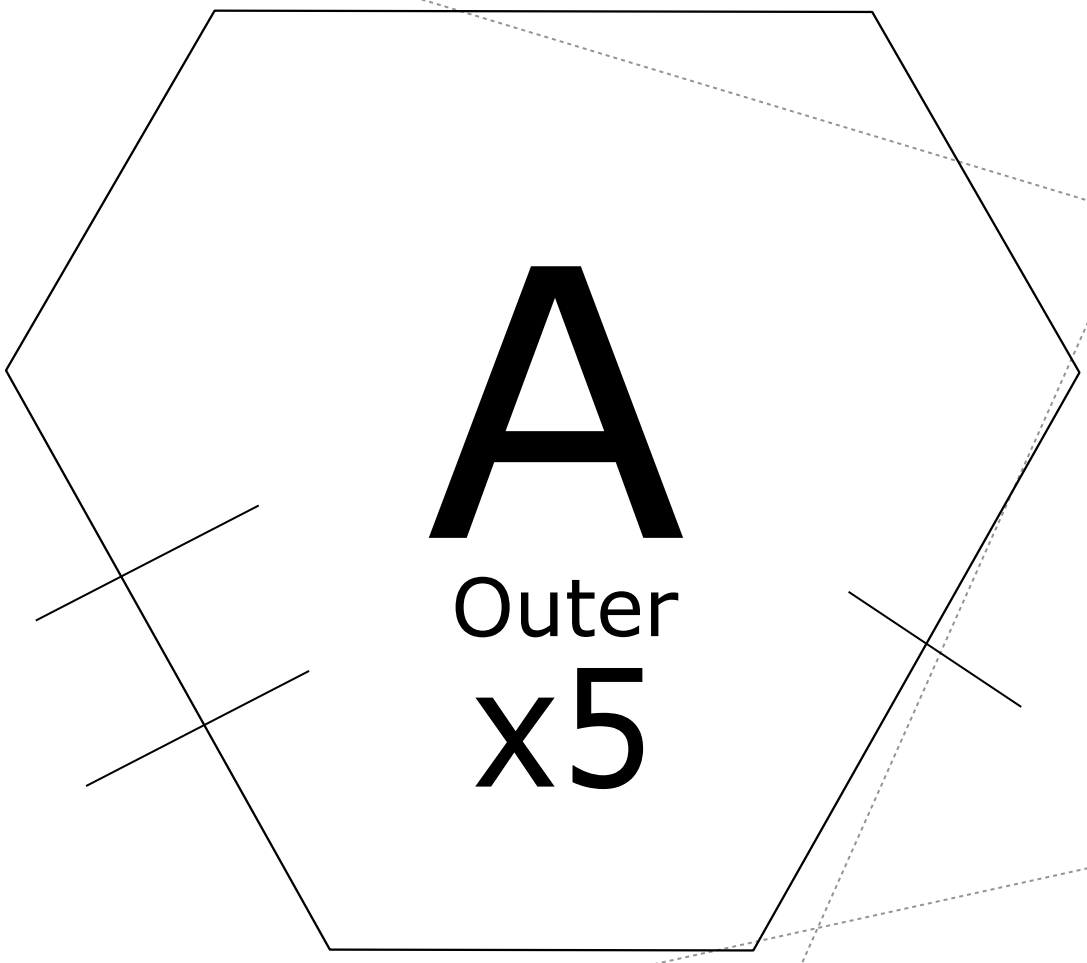


Custom dome sizes examples:
Inner diameter of 60 cm with 10 cm insulation
Print 60 cm inner (100%) and 80 cm outer (114.3%)
Inner diameter of 80 cm with 5 cm insulation
Print 80 cm inner (133.3%) and 90 cm outer (128.6%)

Part A

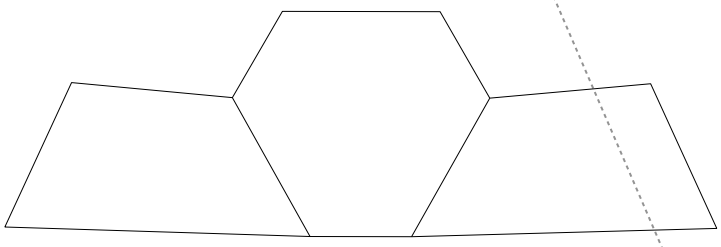
Outer dome
(1/3)

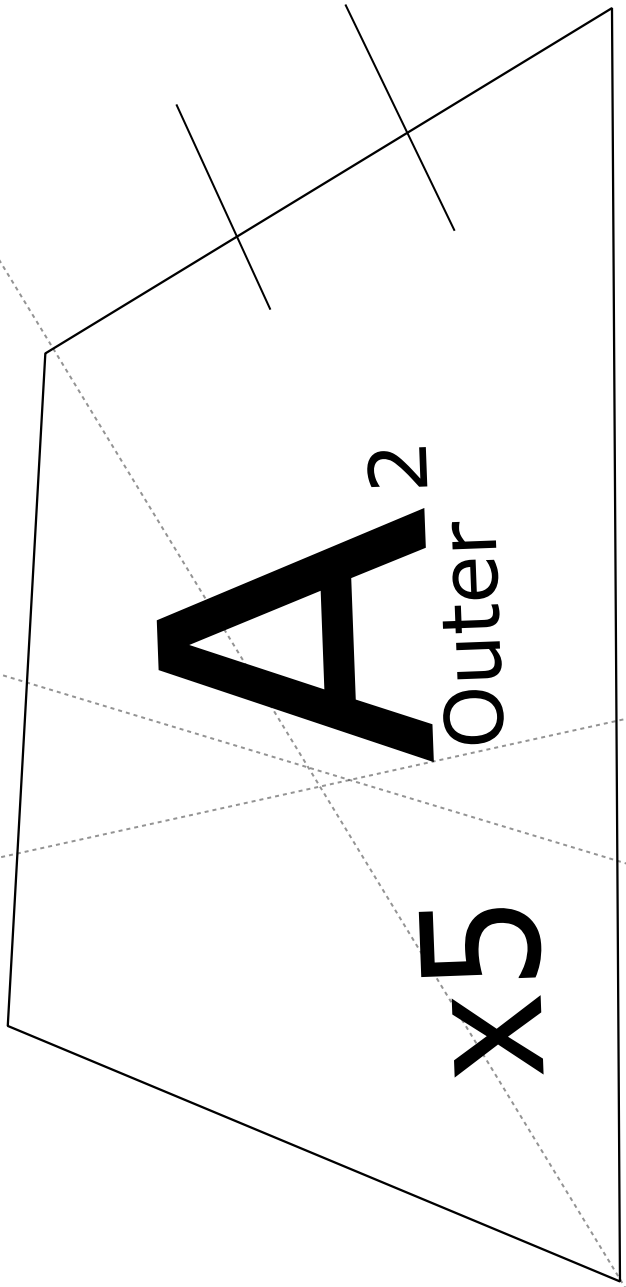




Part A

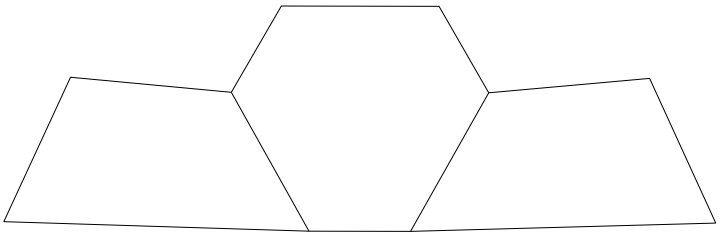
Outer dome
(2/3)

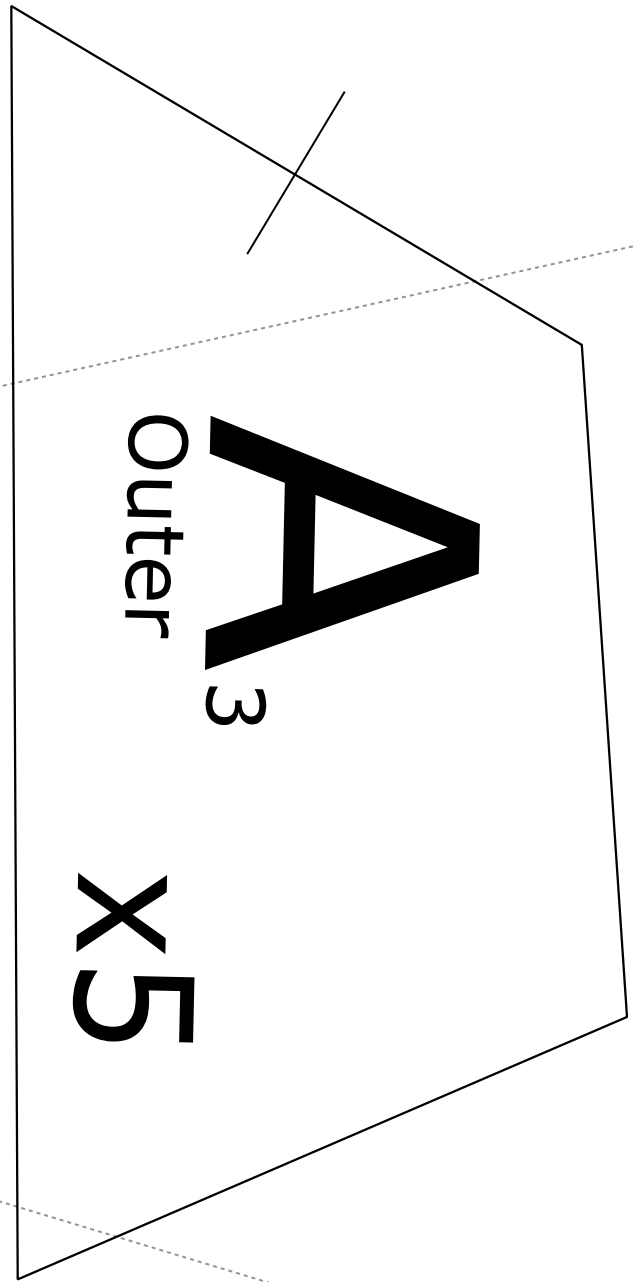




Part A

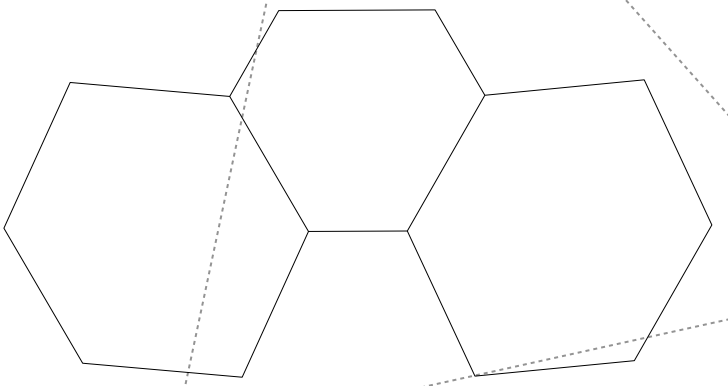
Outer dome
(3/3)

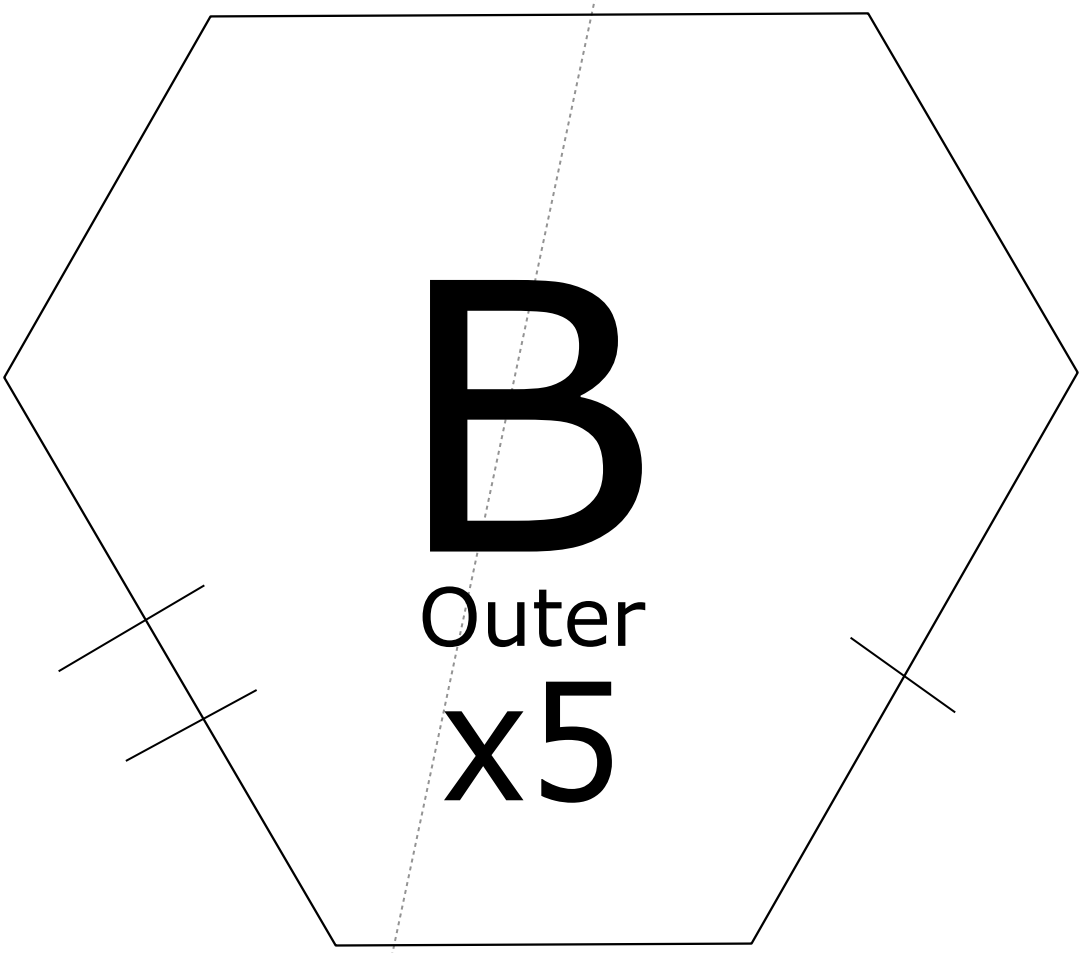




Part B

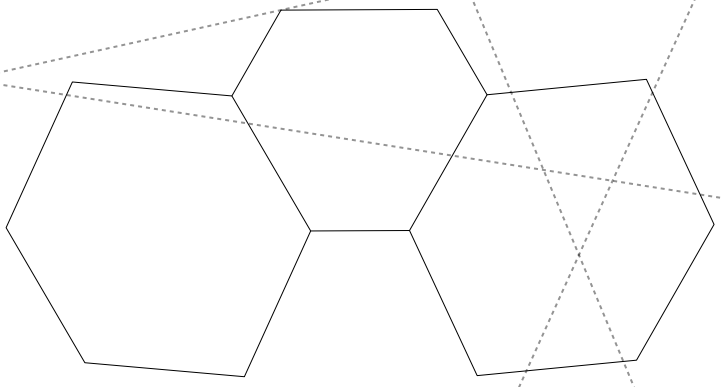
Outer dome
(1/3)

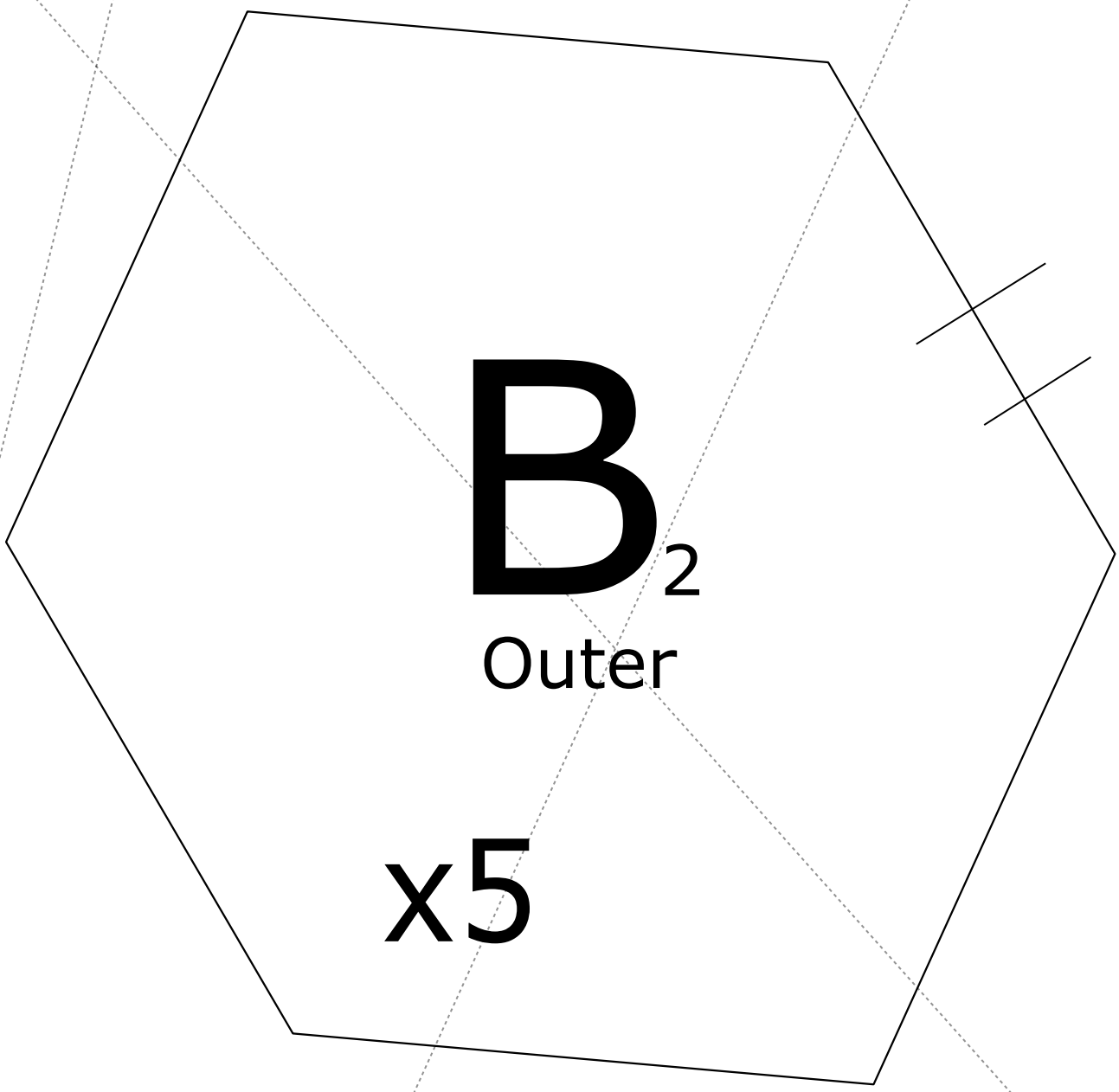




Part B

Outer dome
(2/3)

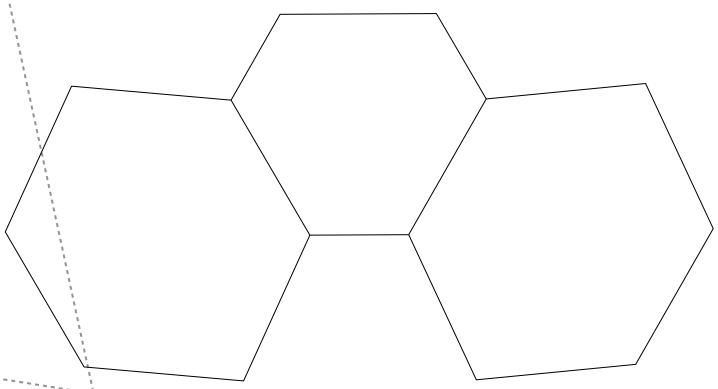


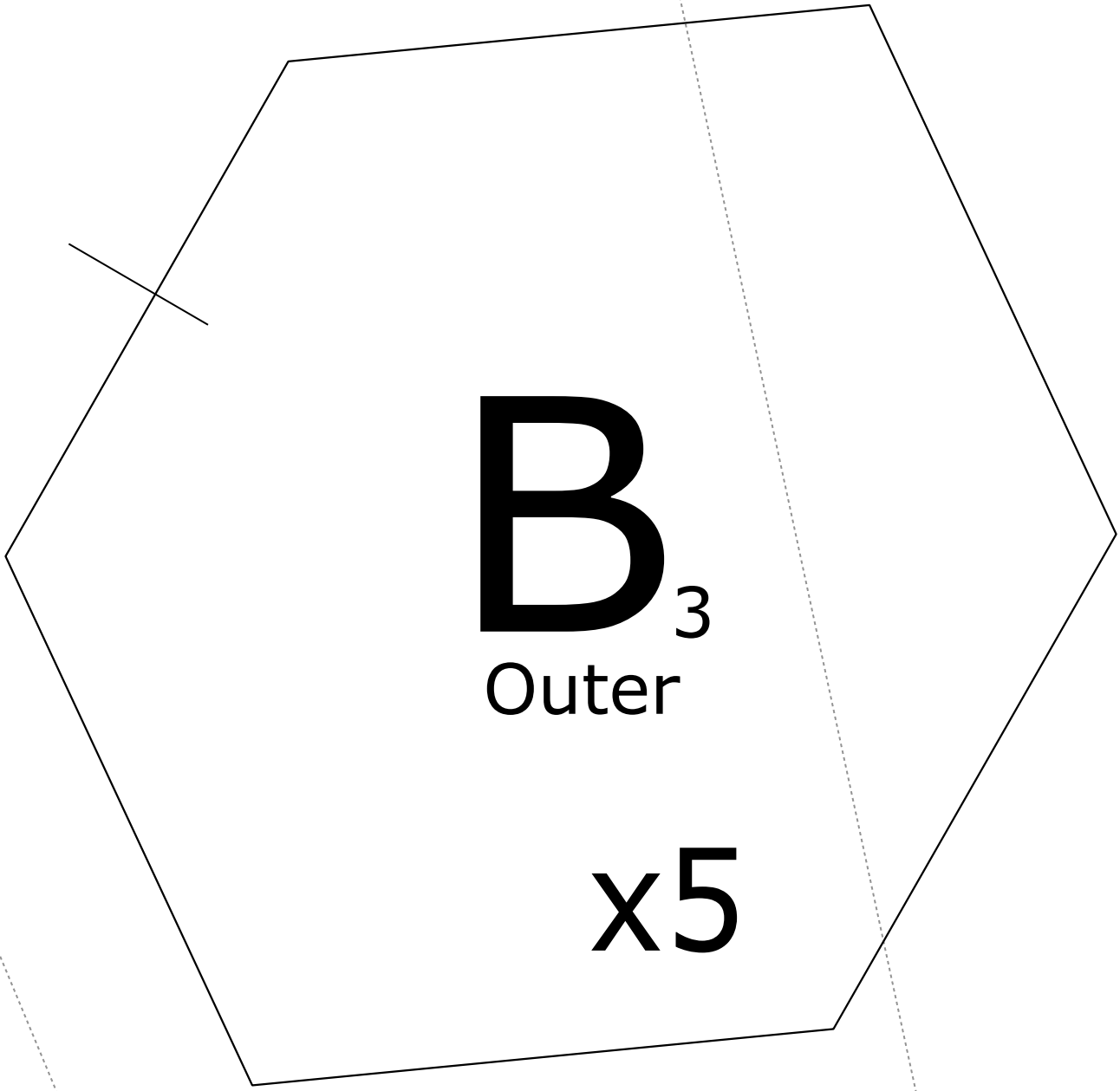


x5

Part B

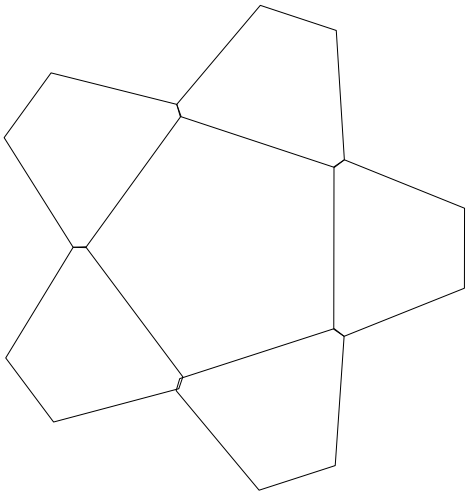
Outer dome
(3/3)





Part C

Outer dome
(1/2)



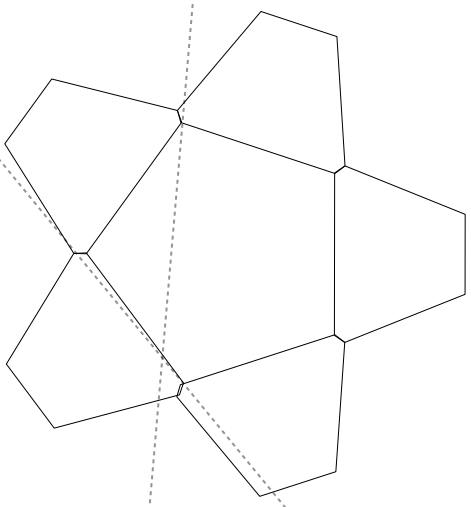
C

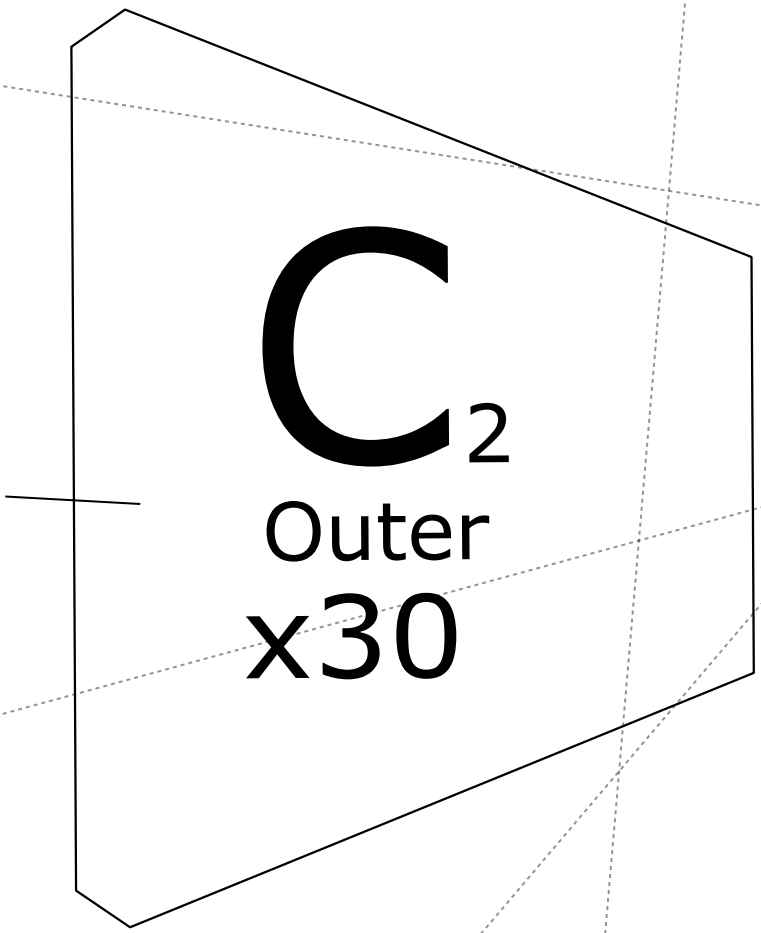
Outer

x6

Part C

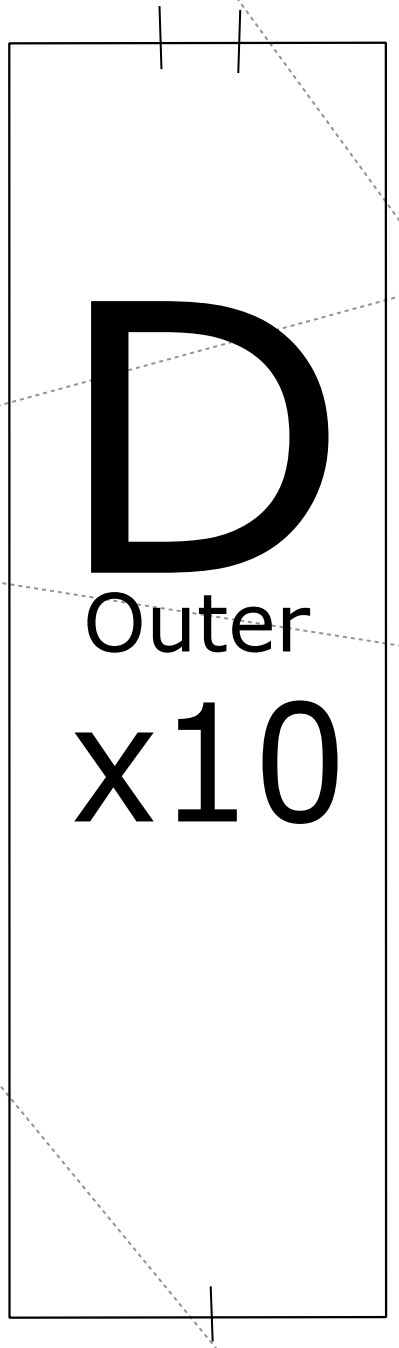
Outer dome
(2/2)





Part D

Outer dome
(1/2)



Part D

Outer dome
(2/2)