How to build a 4V geodesic dome

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For the 4V geodesic dome six different types of triangles are needed (Figure 1). There are 30 triangles of each type needed, except for type 6 only 10 triangles are needed, see Table 1.

Table 1: Needed Amount of each triangle.

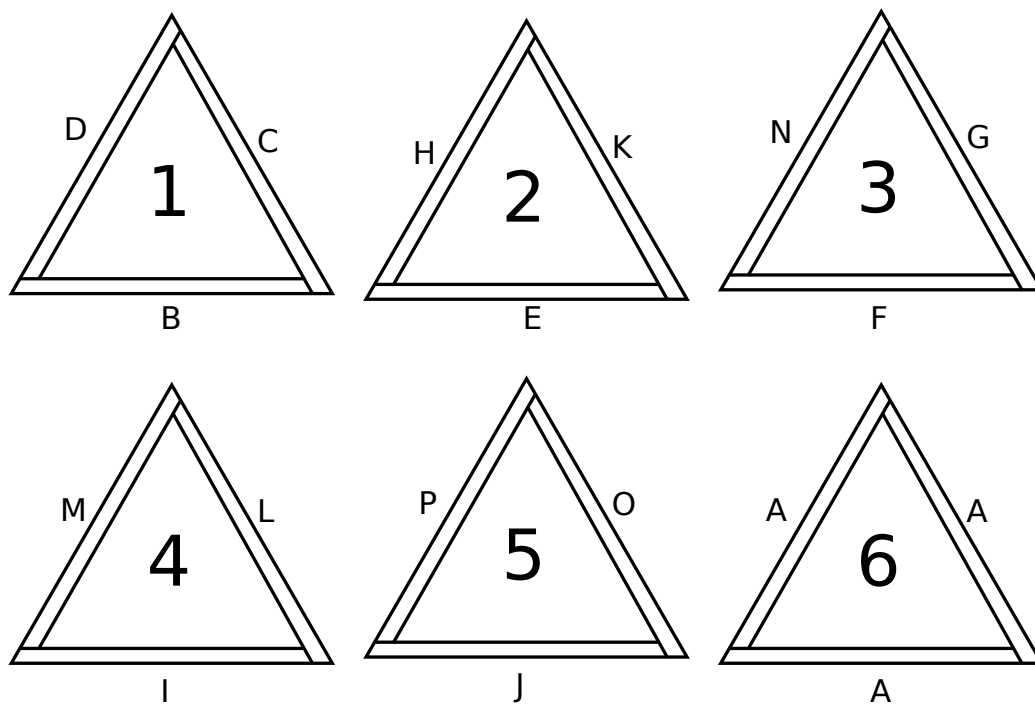| Triangle type	1	2	3	4	5	6
Amount	30	30	30	30	30	10

Figure 1: Six different triangles are needed.

	L	L-l	l
A	324.9 cm		
B	324.9 cm		
C	312.8 cm		
D	312.8 cm		
E	312.8 cm		
F	312.8 cm		
G	298.5 cm		
H	298.5 cm		
I	295.2 cm		
J	295.2 cm		
K	294.5 cm		
L	294.5 cm		
M	294.5 cm		
N	294.5 cm		
O	253.1 cm		
P	253.1 cm		