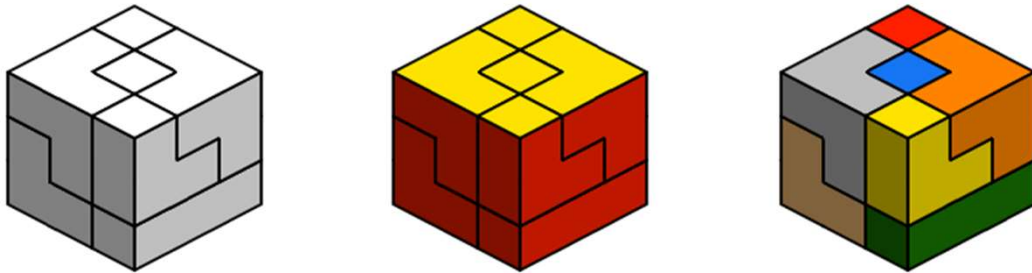
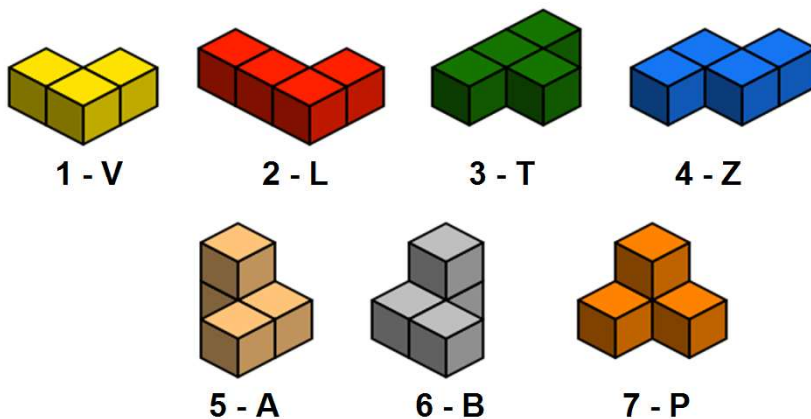


SOMA



The SOMA Cube is worlds most famous and succesful puzzle cube. This puzzle cube was invented in 1933 by the Danish Author Piet Hein.



The 7 Pieces that must be used to build the SOMA Cube.

This document contains the 240 + 240 solutions in layers. The Even solutions are the Mirror solutions of the Odd solutions.

Solutions 1 & 2 are mirror solutions of each other, as well as solutions 3 & 4, solutions 5 & 6, and so on.

Soma Cube - Solution 1										
A	L	L		A	A	L		B	B	L
A	T	Z		B	Z	Z		B	Z	P
T	T	T		V	V	P		V	P	P
Bottom				Middle				Top		

Soma Cube - Solution 2										
L	L	B		L	B	B		L	A	A
Z	T	B		Z	Z	A		P	Z	A
T	T	T		P	V	V		P	P	V
Bottom				Middle				Top		

Soma Cube - Solution 3										
A	L	L		A	A	L		B	B	L
A	T	Z		B	P	Z		B	P	P
T	T	T		V	V	Z		V	P	Z
Bottom				Middle				Top		

Soma Cube - Solution 4										
L	L	B		L	B	B		L	A	A
Z	T	B		Z	P	A		P	P	A
T	T	T		Z	V	V		Z	P	V
Bottom				Middle				Top		

Soma Cube - Solution 5										
V	L	L		A	A	L		A	Z	L
V	T	B		V	A	B		P	Z	Z
T	T	T		P	B	B		P	P	Z
Bottom				Middle				Top		

Soma Cube - Solution 6										
L	L	V		L	B	B		L	Z	B
A	T	V		A	B	V		Z	Z	P
T	T	T		A	A	P		Z	P	P
Bottom				Middle				Top		

Soma Cube - Solution 7										
Z	L	L		P	B	L		P	P	L
Z	T	B		Z	B	B		P	A	A
T	T	T		Z	V	A		V	V	A
Bottom				Middle				Top		

Soma Cube - Solution 8										
L	L	Z		L	A	P		L	P	P
A	T	Z		A	A	Z		B	B	P
T	T	T		B	V	Z		B	V	V
Bottom				Middle				Top		

Soma Cube - Solution 9										
B	L	L		A	L	Z		A	L	Z
B	T	Z		B	B	Z		A	A	P
T	T	T		V	V	P		V	P	P
Bottom				Middle				Top		

Soma Cube - Solution 10										
L	L	A		Z	L	B		Z	L	B
Z	T	A		Z	A	A		P	B	B
T	T	T		P	V	V		P	P	V
Bottom				Middle				Top		

Soma Cube - Solution 11										
V	L	L		A	L	Z		A	L	Z
V	T	Z		V	B	Z		A	A	P
T	T	T		B	B	P		B	P	P
Bottom				Middle				Top		

Soma Cube - Solution 12										
L	L	V		Z	L	B		Z	L	B
Z	T	V		Z	A	V		P	B	B
T	T	T		P	A	A		P	P	A
Bottom				Middle				Top		

Soma Cube - Solution 13										
A	A	L		Z	Z	L		V	V	L
A	T	L		A	Z	Z		P	V	B
T	T	T		P	B	B		P	P	B
Bottom				Middle				Top		

Soma Cube - Solution 14										
L	B	B		L	Z	Z		L	V	V
L	T	B		Z	Z	B		A	V	P
T	T	T		A	A	P		A	P	P
Bottom				Middle				Top		

Soma Cube - Solution 15										
A	A	L		P	A	L		P	P	L
Z	T	L		Z	A	B		P	V	V
T	T	T		Z	B	B		Z	B	V
Bottom				Middle				Top		

Soma Cube - Solution 16										
L	B	B		L	B	P		L	P	P
L	T	Z		A	B	Z		V	V	P
T	T	T		A	A	Z		V	A	Z
Bottom				Middle				Top		

Soma Cube - Solution 17										
A	A	L		P	A	L		P	P	L
Z	T	L		Z	A	V		P	B	B
T	T	T		Z	B	V		Z	B	V
Bottom				Middle				Top		

Soma Cube - Solution 18										
L	B	B		L	B	P		L	P	P
L	T	Z		V	B	Z		A	A	P
T	T	T		V	A	Z		V	A	Z
Bottom				Middle				Top		

Soma Cube - Solution 19										
A	A	L		P	A	L		P	P	L
Z	T	L		Z	A	B		P	B	B
T	T	T		Z	V	B		Z	V	V
Bottom				Middle				Top		

Soma Cube - Solution 20										
L	B	B		L	B	P		L	P	P
L	T	Z		A	B	Z		A	A	P
T	T	T		A	V	Z		V	V	Z
Bottom				Middle				Top		

Soma Cube - Solution 21										
A	A	L		Z	A	L		Z	B	L
Z	T	L		Z	A	B		P	B	B
T	T	T		P	V	V		P	P	V
Bottom				Middle				Top		

Soma Cube - Solution 22										
L	B	B		L	B	Z		L	A	Z
L	T	Z		A	B	Z		A	A	P
T	T	T		V	V	P		V	P	P
Bottom				Middle				Top		

Soma Cube - Solution 23										
B	B	L		P	B	L		Z	Z	L
B	T	L		P	P	A		P	Z	Z
T	T	T		V	V	A		V	A	A
Bottom				Middle				Top		

Soma Cube - Solution 24										
L	A	A		L	A	P		L	Z	Z
L	T	A		B	P	P		Z	Z	P
T	T	T		B	V	V		B	B	V
Bottom				Middle				Top		

Soma Cube - Solution 25										
B	B	L		P	B	L		P	P	L
B	T	L		Z	Z	A		P	Z	Z
T	T	T		V	V	A		V	A	A
Bottom				Middle				Top		

Soma Cube - Solution 26										
L	A	A		L	A	P		L	P	P
L	T	A		B	Z	Z		Z	Z	P
T	T	T		B	V	V		B	B	V
Bottom				Middle				Top		

Soma Cube - Solution 27										
B	B	L		P	B	L		P	P	L
B	T	L		Z	Z	V		P	A	V
T	T	T		A	Z	Z		A	A	V
Bottom				Middle				Top		

Soma Cube - Solution 28										
L	A	A		L	A	P		L	P	P
L	T	A		V	Z	Z		V	B	P
T	T	T		Z	Z	B		V	B	B
Bottom				Middle				Top		

Soma Cube - Solution 29										
B	B	L		A	B	L		A	A	L
B	T	L		A	P	P		Z	Z	P
T	T	T		V	V	P		V	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 30										
L	A	A		L	A	B		L	B	B
L	T	A		P	P	B		P	Z	Z
T	T	T		P	V	V		Z	Z	V
Bottom				Middle				Top		

Soma Cube - Solution 31										
B	B	L		A	B	L		A	A	L
B	T	L		A	P	P		V	V	P
T	T	T		Z	Z	P		V	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 32										
L	A	A		L	A	B		L	B	B
L	T	A		P	P	B		P	V	V
T	T	T		P	Z	Z		Z	Z	V
Bottom				Middle				Top		

Soma Cube - Solution 33										
B	B	L		A	B	L		A	A	L
B	T	L		A	Z	Z		Z	Z	P
T	T	T		V	V	P		V	P	P
Bottom				Middle				Top		

Soma Cube - Solution 34										
L	A	A		L	A	B		L	B	B
L	T	A		Z	Z	B		P	Z	Z
T	T	T		P	V	V		P	P	V
Bottom				Middle				Top		

Soma Cube - Solution 35										
B	B	L		A	B	L		A	A	L
B	T	L		A	Z	Z		V	V	P
T	T	T		Z	Z	P		V	P	P
Bottom				Middle				Top		

Soma Cube - Solution 36										
L	A	A		L	A	B		L	B	B
L	T	A		Z	Z	B		P	V	V
T	T	T		P	Z	Z		P	P	V
Bottom				Middle				Top		

Soma Cube - Solution 37										
P	P	L		P	A	L		A	A	L
P	T	L		B	B	V		A	B	V
T	T	T		B	Z	Z		Z	Z	V
Bottom				Middle				Top		

Soma Cube - Solution 38										
L	P	P		L	B	P		L	B	B
L	T	P		V	A	A		V	A	B
T	T	T		Z	Z	A		V	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 39										
P	P	L		P	A	L		A	A	L
P	T	L		V	B	B		A	Z	Z
T	T	T		V	V	B		Z	Z	B
Bottom				Middle				Top		

Soma Cube - Solution 40										
L	P	P		L	B	P		L	B	B
L	T	P		A	A	V		Z	Z	B
T	T	T		A	V	V		A	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 41										
P	P	L		P	A	L		Z	A	L
P	T	L		Z	B	B		Z	A	A
T	T	T		Z	V	B		V	V	B
Bottom				Middle				Top		

Soma Cube - Solution 42										
L	P	P		L	B	P		L	B	Z
L	T	P		A	A	Z		B	B	Z
T	T	T		A	V	Z		A	V	V
Bottom				Middle				Top		

Soma Cube - Solution 43										
P	P	L		P	B	L		B	B	L
P	T	L		A	B	V		A	A	V
T	T	T		A	Z	Z		Z	Z	V
Bottom				Middle				Top		

Soma Cube - Solution 44										
L	P	P		L	A	P		L	A	A
L	T	P		V	A	B		V	B	B
T	T	T		Z	Z	B		V	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 45										
P	P	L		P	B	L		Z	Z	L
P	T	L		B	B	A		B	Z	Z
T	T	T		V	V	A		V	A	A
Bottom				Middle				Top		

Soma Cube - Solution 46										
L	P	P		L	A	P		L	Z	Z
L	T	P		B	A	A		Z	Z	A
T	T	T		B	V	V		B	B	V
Bottom				Middle				Top		

Soma Cube - Solution 47										
P	P	L		P	B	L		B	B	L
P	T	L		V	B	A		Z	Z	A
T	T	T		V	A	A		V	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 48										
L	P	P		L	A	P		L	A	A
L	T	P		B	A	V		B	Z	Z
T	T	T		B	B	V		Z	Z	V
Bottom				Middle				Top		

Soma Cube - Solution 49										
P	P	L		P	B	L		Z	B	L
P	T	L		Z	B	B		Z	A	A
T	T	T		Z	V	A		V	V	A
Bottom				Middle				Top		

Soma Cube - Solution 50										
L	P	P		L	A	P		L	A	Z
L	T	P		A	A	Z		B	B	Z
T	T	T		B	V	Z		B	V	V
Bottom				Middle				Top		

Soma Cube - Solution 51										
V	V	L		P	V	L		P	P	L
A	T	L		A	B	B		P	Z	Z
T	T	T		A	A	B		Z	Z	B
Bottom				Middle				Top		

Soma Cube - Solution 52										
L	V	V		L	V	P		L	P	P
L	T	B		A	A	B		Z	Z	P
T	T	T		A	B	B		A	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 53										
V	V	L		Z	V	L		Z	A	L
Z	T	L		Z	A	A		P	A	B
T	T	T		P	B	B		P	P	B
Bottom				Middle				Top		

Soma Cube - Solution 54										
L	V	V		L	V	Z		L	B	Z
L	T	Z		B	B	Z		A	B	P
T	T	T		A	A	P		A	P	P
Bottom				Middle				Top		

Soma Cube - Solution 55										
V	V	L		Z	V	L		Z	B	L
Z	T	L		Z	A	B		P	B	B
T	T	T		P	A	A		P	P	A
Bottom				Middle				Top		

Soma Cube - Solution 56										
L	V	V		L	V	Z		L	A	Z
L	T	Z		A	B	Z		A	A	P
T	T	T		B	B	P		B	P	P
Bottom				Middle				Top		

Soma Cube - Solution 57										
V	Z	L		Z	Z	L		Z	A	L
V	T	L		V	A	A		P	A	B
T	T	T		P	B	B		P	P	B
Bottom				Middle				Top		

Soma Cube - Solution 58										
L	Z	V		L	Z	Z		L	B	Z
L	T	V		B	B	V		A	B	P
T	T	T		A	A	P		A	P	P
Bottom				Middle				Top		

Soma Cube - Solution 59										
V	Z	L		Z	Z	L		Z	B	L
V	T	L		V	A	B		P	B	B
T	T	T		P	A	A		P	P	A
Bottom				Middle				Top		

Soma Cube - Solution 60										
L	Z	V		L	Z	Z		L	A	Z
L	T	V		A	B	V		A	A	P
T	T	T		B	B	P		B	P	P
Bottom				Middle				Top		

Soma Cube - Solution 61										
Z	A	L		P	A	L		P	P	L
Z	T	L		Z	A	A		P	V	B
T	T	T		Z	B	B		V	V	B
Bottom				Middle				Top		

Soma Cube - Solution 62										
L	B	Z		L	B	P		L	P	P
L	T	Z		B	B	Z		A	V	P
T	T	T		A	A	Z		A	V	V
Bottom				Middle				Top		

Soma Cube - Solution 63										
B	Z	L		P	Z	Z		P	P	Z
B	T	L		B	B	L		P	A	L
T	T	T		A	V	V		A	A	V
Bottom				Middle				Top		

Soma Cube - Solution 64										
L	Z	A		Z	Z	P		Z	P	P
L	T	A		L	A	A		L	B	P
T	T	T		V	V	B		V	B	B
Bottom				Middle				Top		

Soma Cube - Solution 65										
B	Z	L		Z	Z	A		Z	A	A
B	T	L		B	B	L		P	A	L
T	T	T		P	V	V		P	P	V
Bottom				Middle				Top		

Soma Cube - Solution 66										
L	Z	A		B	Z	Z		B	B	Z
L	T	A		L	A	A		L	B	P
T	T	T		V	V	P		V	P	P
Bottom				Middle				Top		

Soma Cube - Solution 67										
V	Z	L		B	Z	Z		B	B	Z
V	T	L		V	A	L		P	B	L
T	T	T		P	A	A		P	P	A
Bottom				Middle				Top		

Soma Cube - Solution 68										
L	Z	V		Z	Z	A		Z	A	A
L	T	V		L	B	V		L	A	P
T	T	T		B	B	P		B	P	P
Bottom				Middle				Top		

Soma Cube - Solution 69										
L	L	L		P	B	B		P	P	B
A	T	L		A	B	V		P	Z	Z
T	T	T		A	A	V		Z	Z	V
Bottom				Middle				Top		

Soma Cube - Solution 70										
L	L	L		A	A	P		A	P	P
L	T	B		V	A	B		Z	Z	P
T	T	T		V	B	B		V	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 71										
L	L	L		P	V	V		P	P	V
A	T	L		A	B	B		P	Z	Z
T	T	T		A	A	B		Z	Z	B
Bottom				Middle				Top		

Soma Cube - Solution 72										
L	L	L		V	V	P		V	P	P
L	T	B		A	A	B		Z	Z	P
T	T	T		A	B	B		A	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 73										
L	L	L		B	B	A		Z	Z	A
B	T	L		B	A	A		P	Z	Z
T	T	T		P	V	V		P	P	V
Bottom				Middle				Top		

Soma Cube - Solution 74										
L	L	L		B	A	A		B	Z	Z
L	T	A		B	B	A		Z	Z	P
T	T	T		V	V	P		V	P	P
Bottom				Middle				Top		

Soma Cube - Solution 75										
L	L	L		B	B	V		Z	Z	V
B	T	L		B	A	V		P	Z	Z
T	T	T		P	A	A		P	P	A
Bottom				Middle				Top		

Soma Cube - Solution 76										
L	L	L		V	A	A		V	Z	Z
L	T	A		V	B	A		Z	Z	P
T	T	T		B	B	P		B	P	P
Bottom				Middle				Top		

Soma Cube - Solution 77										
L	L	L		B	B	A		B	A	A
P	T	L		P	P	V		B	A	V
T	T	T		P	Z	Z		Z	Z	V
Bottom				Middle				Top		

Soma Cube - Solution 78										
L	L	L		B	A	A		B	B	A
L	T	P		V	P	P		V	B	A
T	T	T		Z	Z	P		V	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 79										
L	L	L		P	Z	Z		Z	Z	V
P	T	L		P	P	V		A	B	V
T	T	T		A	A	B		A	B	B
Bottom				Middle				Top		

Soma Cube - Solution 80										
L	L	L		Z	Z	P		V	Z	Z
L	T	P		V	P	P		V	A	B
T	T	T		A	B	B		A	A	B
Bottom				Middle				Top		

Soma Cube - Solution 81										
L	L	L		B	B	A		B	A	A
Z	T	L		Z	V	V		B	A	P
T	T	T		Z	V	P		Z	P	P
Bottom				Middle				Top		

Soma Cube - Solution 82										
L	L	L		B	A	A		B	B	A
L	T	Z		V	V	Z		P	B	A
T	T	T		P	V	Z		P	P	Z
Bottom				Middle				Top		

Soma Cube - Solution 83										
L	L	L		B	B	A		B	A	A
Z	T	L		Z	P	P		B	A	P
T	T	T		Z	V	P		Z	V	V
Bottom				Middle				Top		

Soma Cube - Solution 84										
L	L	L		B	A	A		B	B	A
L	T	Z		P	P	Z		P	B	A
T	T	T		P	V	Z		V	V	Z
Bottom				Middle				Top		

Soma Cube - Solution 85										
L	L	L		Z	B	A		Z	B	A
Z	T	L		Z	A	A		B	B	P
T	T	T		V	V	P		V	P	P
Bottom				Middle				Top		

Soma Cube - Solution 86										
L	L	L		B	A	Z		B	A	Z
L	T	Z		B	B	Z		P	A	A
T	T	T		P	V	V		P	P	V
Bottom				Middle				Top		

Soma Cube - Solution 87										
L	L	L		B	B	A		B	A	A
Z	T	L		Z	P	V		B	A	V
T	T	T		Z	P	P		Z	P	V
Bottom				Middle				Top		

Soma Cube - Solution 88										
L	L	L		B	A	A		B	B	A
L	T	Z		V	P	Z		V	B	A
T	T	T		P	P	Z		V	P	Z
Bottom				Middle				Top		

Soma Cube - Solution 89										
L	L	L		Z	A	B		Z	B	B
Z	T	L		Z	A	B		A	A	P
T	T	T		V	V	P		V	P	P
Bottom				Middle				Top		

Soma Cube - Solution 90										
L	L	L		A	B	Z		A	A	Z
L	T	Z		A	B	Z		P	B	B
T	T	T		P	V	V		P	P	V
Bottom				Middle				Top		

Soma Cube - Solution 91										
L	L	L		V	V	B		V	B	B
Z	T	L		Z	Z	B		A	Z	P
T	T	T		A	A	P		A	P	P
Bottom				Middle				Top		

Soma Cube - Solution 92										
L	L	L		A	V	V		A	A	V
L	T	Z		A	Z	Z		P	Z	B
T	T	T		P	B	B		P	P	B
Bottom				Middle				Top		

Soma Cube - Solution 93										
L	L	L		Z	V	B		Z	V	V
Z	T	L		Z	B	B		A	B	P
T	T	T		A	A	P		A	P	P
Bottom				Middle				Top		

Soma Cube - Solution 94										
L	L	L		A	V	Z		V	V	Z
L	T	Z		A	A	Z		P	A	B
T	T	T		P	B	B		P	P	B
Bottom				Middle				Top		

Soma Cube - Solution 95										
L	L	L		Z	V	B		Z	B	B
Z	T	L		Z	V	B		A	V	P
T	T	T		A	A	P		A	P	P
Bottom				Middle				Top		

Soma Cube - Solution 96										
L	L	L		A	V	Z		A	A	Z
L	T	Z		A	V	Z		P	V	B
T	T	T		P	B	B		P	P	B
Bottom				Middle				Top		

Soma Cube - Solution 97										
L	L	L		P	A	A		P	P	A
Z	T	L		Z	B	B		P	V	A
T	T	T		Z	V	B		Z	V	B
Bottom				Middle				Top		

Soma Cube - Solution 98										
L	L	L		B	B	P		B	P	P
L	T	Z		A	A	Z		B	V	P
T	T	T		A	V	Z		A	V	Z
Bottom				Middle				Top		

Soma Cube - Solution 99										
L	L	L		P	A	A		P	P	A
Z	T	L		Z	V	V		P	B	A
T	T	T		Z	V	B		Z	B	B
Bottom				Middle				Top		

Soma Cube - Solution 100										
L	L	L		B	B	P		B	P	P
L	T	Z		V	V	Z		B	A	P
T	T	T		A	V	Z		A	A	Z
Bottom				Middle				Top		

Soma Cube - Solution 101										
L	L	L		P	A	A		P	P	A
Z	T	L		Z	B	B		P	B	A
T	T	T		Z	V	V		Z	B	V
Bottom				Middle				Top		

Soma Cube - Solution 102										
L	L	L		B	B	P		B	P	P
L	T	Z		A	A	Z		B	A	P
T	T	T		V	V	Z		V	A	Z
Bottom				Middle				Top		

Soma Cube - Solution 103										
L	L	L		B	B	P		B	P	P
Z	T	L		Z	A	A		B	A	P
T	T	T		Z	V	A		Z	V	V
Bottom				Middle				Top		

Soma Cube - Solution 104										
L	L	L		P	A	A		P	P	A
L	T	Z		B	B	Z		P	B	A
T	T	T		B	V	Z		V	V	Z
Bottom				Middle				Top		

Soma Cube - Solution 105										
L	L	L		B	B	P		B	P	P
Z	T	L		Z	V	A		B	V	P
T	T	T		Z	V	A		Z	A	A
Bottom				Middle				Top		

Soma Cube - Solution 106										
L	L	L		P	A	A		P	P	A
L	T	Z		B	V	Z		P	V	A
T	T	T		B	V	Z		B	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 107										
L	L	L		B	B	P		B	P	P
Z	T	L		Z	Z	A		B	Z	P
T	T	T		V	V	A		V	A	A
Bottom				Middle				Top		

Soma Cube - Solution 108										
L	L	L		P	A	A		P	P	A
L	T	Z		B	Z	Z		P	Z	A
T	T	T		B	V	V		B	B	V
Bottom				Middle				Top		

Soma Cube - Solution 109										
L	L	L		B	B	P		B	P	P
Z	T	L		Z	A	V		B	A	P
T	T	T		Z	V	V		Z	A	A
Bottom				Middle				Top		

Soma Cube - Solution 110										
L	L	L		P	A	A		P	P	A
L	T	Z		V	B	Z		P	B	A
T	T	T		V	V	Z		B	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 111										
L	L	L		P	B	B		P	P	B
Z	T	L		Z	B	A		P	V	A
T	T	T		Z	A	A		Z	V	V
Bottom				Middle				Top		

Soma Cube - Solution 112										
L	L	L		A	A	P		A	P	P
L	T	Z		B	A	Z		B	V	P
T	T	T		B	B	Z		V	V	Z
Bottom				Middle				Top		

Soma Cube - Solution 113										
L	L	L		P	B	B		P	P	B
Z	T	L		Z	B	A		P	A	A
T	T	T		Z	V	V		Z	A	V
Bottom				Middle				Top		

Soma Cube - Solution 114										
L	L	L		A	A	P		A	P	P
L	T	Z		B	A	Z		B	B	P
T	T	T		V	V	Z		V	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 115										
L	L	L		P	B	B		P	P	B
Z	T	L		Z	B	V		P	A	V
T	T	T		Z	A	A		Z	A	V
Bottom				Middle				Top		

Soma Cube - Solution 116										
L	L	L		A	A	P		A	P	P
L	T	Z		V	A	Z		V	B	P
T	T	T		B	B	Z		V	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 117										
L	L	L		V	V	P		V	P	P
Z	T	L		Z	B	B		A	A	P
T	T	T		Z	A	B		Z	A	B
Bottom				Middle				Top		

Soma Cube - Solution 118										
L	L	L		P	V	V		P	P	V
L	T	Z		A	A	Z		P	B	B
T	T	T		A	B	Z		A	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 119										
L	L	L		V	V	P		V	P	P
Z	T	L		Z	B	A		B	B	P
T	T	T		Z	B	A		Z	A	A
Bottom				Middle				Top		

Soma Cube - Solution 120										
L	L	L		P	V	V		P	P	V
L	T	Z		B	A	Z		P	A	A
T	T	T		B	A	Z		B	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 121										
L	L	L		Z	V	P		Z	V	V
Z	T	L		Z	P	P		A	B	P
T	T	T		A	A	B		A	B	B
Bottom				Middle				Top		

Soma Cube - Solution 122										
L	L	L		P	V	Z		V	V	Z
L	T	Z		P	P	Z		P	A	B
T	T	T		A	B	B		A	A	B
Bottom				Middle				Top		

Soma Cube - Solution 123										
L	L	L		Z	V	P		Z	P	P
Z	T	L		Z	V	V		A	B	P
T	T	T		A	A	B		A	B	B
Bottom				Middle				Top		

Soma Cube - Solution 124										
L	L	L		P	V	Z		P	P	Z
L	T	Z		V	V	Z		P	A	B
T	T	T		A	B	B		A	A	B
Bottom				Middle				Top		

Soma Cube - Solution 125										
L	L	L		Z	B	B		Z	V	V
Z	T	L		Z	A	B		P	V	B
T	T	T		P	A	A		P	P	A
Bottom				Middle				Top		

Soma Cube - Solution 126										
L	L	L		A	A	Z		V	V	Z
L	T	Z		A	B	Z		A	V	P
T	T	T		B	B	P		B	P	P
Bottom				Middle				Top		

Soma Cube - Solution 127										
L	L	L		Z	B	B		Z	B	V
Z	T	L		Z	A	V		P	B	V
T	T	T		P	A	A		P	P	A
Bottom				Middle				Top		

Soma Cube - Solution 128										
L	L	L		A	A	Z		V	A	Z
L	T	Z		V	B	Z		V	A	P
T	T	T		B	B	P		B	P	P
Bottom				Middle				Top		

Soma Cube - Solution 129										
L	L	L		Z	P	P		Z	P	V
Z	T	L		Z	P	V		A	B	V
T	T	T		A	A	B		A	B	B
Bottom				Middle				Top		

Soma Cube - Solution 130										
L	L	L		P	P	Z		V	P	Z
L	T	Z		V	P	Z		V	A	B
T	T	T		A	B	B		A	A	B
Bottom				Middle				Top		

Soma Cube - Solution 131										
L	L	L		Z	V	A		Z	V	A
Z	T	L		Z	A	A		P	V	B
T	T	T		P	B	B		P	P	B
Bottom				Middle				Top		

Soma Cube - Solution 132										
L	L	L		B	V	Z		B	V	Z
L	T	Z		B	B	Z		A	V	P
T	T	T		A	A	P		A	P	P
Bottom				Middle				Top		

Soma Cube - Solution 133										
L	L	L		Z	V	A		Z	A	A
Z	T	L		Z	V	V		P	A	B
T	T	T		P	B	B		P	P	B
Bottom				Middle				Top		

Soma Cube - Solution 134										
L	L	L		B	V	Z		B	B	Z
L	T	Z		V	V	Z		A	B	P
T	T	T		A	A	P		A	P	P
Bottom				Middle				Top		

Soma Cube - Solution 135										
L	L	L		Z	V	V		Z	A	V
Z	T	L		Z	A	A		P	A	B
T	T	T		P	B	B		P	P	B
Bottom				Middle				Top		

Soma Cube - Solution 136										
L	L	L		V	V	Z		V	B	Z
L	T	Z		B	B	Z		A	B	P
T	T	T		A	A	P		A	P	P
Bottom				Middle				Top		

Soma Cube - Solution 137										
L	L	L		Z	V	V		Z	B	V
Z	T	L		Z	A	B		P	B	B
T	T	T		P	A	A		P	P	A
Bottom				Middle				Top		

Soma Cube - Solution 138										
L	L	L		V	V	Z		V	A	Z
L	T	Z		A	B	Z		A	A	P
T	T	T		B	B	P		B	P	P
Bottom				Middle				Top		

Soma Cube - Solution 139										
L	L	L		Z	V	V		Z	B	B
Z	T	L		Z	B	V		A	B	P
T	T	T		A	A	P		A	P	P
Bottom				Middle				Top		

Soma Cube - Solution 140										
L	L	L		V	V	Z		A	A	Z
L	T	Z		V	A	Z		P	A	B
T	T	T		P	B	B		P	P	B
Bottom				Middle				Top		

Soma Cube - Solution 141										
L	L	L		A	B	L		A	B	B
P	T	Z		P	P	Z		A	A	B
T	T	T		P	V	Z		V	V	Z
Bottom				Middle				Top		

Soma Cube - Solution 142										
L	L	L		L	A	B		A	A	B
Z	T	P		Z	P	P		A	B	B
T	T	T		Z	V	P		Z	V	V
Bottom				Middle				Top		

Soma Cube - Solution 143										
L	L	L		B	B	L		B	V	V
Z	T	A		Z	A	A		B	V	P
T	T	T		Z	A	P		Z	P	P
Bottom				Middle				Top		

Soma Cube - Solution 144										
L	L	L		L	A	A		V	V	A
B	T	Z		B	B	Z		P	V	A
T	T	T		P	B	Z		P	P	Z
Bottom				Middle				Top		

Soma Cube - Solution 145										
L	L	L		Z	V	L		Z	V	V
Z	T	A		Z	A	A		B	B	P
T	T	T		B	A	P		B	P	P
Bottom				Middle				Top		

Soma Cube - Solution 146										
L	L	L		L	V	Z		V	V	Z
B	T	Z		B	B	Z		P	A	A
T	T	T		P	B	A		P	P	A
Bottom				Middle				Top		

Soma Cube - Solution 147										
L	L	L		Z	A	L		Z	A	A
Z	T	B		Z	A	B		P	V	V
T	T	T		P	B	B		P	P	V
Bottom				Middle				Top		

Soma Cube - Solution 148										
L	L	L		L	B	Z		B	B	Z
A	T	Z		A	B	Z		V	V	P
T	T	T		A	A	P		V	P	P
Bottom				Middle				Top		

Soma Cube - Solution 149										
L	L	L		Z	B	L		Z	V	V
Z	T	B		Z	B	B		A	V	P
T	T	T		A	A	P		A	P	P
Bottom				Middle				Top		

Soma Cube - Solution 150										
L	L	L		L	A	Z		V	V	Z
A	T	Z		A	A	Z		P	V	B
T	T	T		P	B	B		P	P	B
Bottom				Middle				Top		

Soma Cube - Solution 151										
L	L	L		A	B	L		A	B	B
Z	T	P		Z	P	P		A	A	B
T	T	T		Z	V	P		Z	V	V
Bottom				Middle				Top		

Soma Cube - Solution 152										
L	L	L		L	A	B		A	A	B
P	T	Z		P	P	Z		A	B	B
T	T	T		P	V	Z		V	V	Z
Bottom				Middle				Top		

Soma Cube - Solution 153										
L	L	L		B	B	L		B	V	V
Z	T	P		Z	P	P		B	V	A
T	T	T		Z	A	P		Z	A	A
Bottom				Middle				Top		

Soma Cube - Solution 154										
L	L	L		L	A	A		V	V	A
P	T	Z		P	P	Z		B	V	A
T	T	T		P	B	Z		B	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 155										
L	L	L		Z	B	L		Z	B	B
Z	T	P		Z	P	P		A	V	B
T	T	T		A	A	P		A	V	V
Bottom				Middle				Top		

Soma Cube - Solution 156										
L	L	L		L	A	Z		A	A	Z
P	T	Z		P	P	Z		A	V	B
T	T	T		P	B	B		V	V	B
Bottom				Middle				Top		

Soma Cube - Solution 157										
L	L	L		Z	V	L		Z	V	V
Z	T	P		Z	P	P		B	B	A
T	T	T		B	A	P		B	A	A
Bottom				Middle				Top		

Soma Cube - Solution 158										
L	L	L		L	V	Z		V	V	Z
P	T	Z		P	P	Z		B	A	A
T	T	T		P	B	A		B	B	A
Bottom				Middle				Top		

Soma Cube - Solution 159										
A	A	L		B	B	L		B	L	L
A	T	Z		A	P	Z		B	P	P
T	T	T		V	V	Z		V	P	Z
Bottom				Middle				Top		

Soma Cube - Solution 160										
L	B	B		L	A	A		L	L	A
Z	T	B		Z	P	B		P	P	A
T	T	T		Z	V	V		Z	P	V
Bottom				Middle				Top		

Soma Cube - Solution 161										
A	A	L		B	B	L		B	L	L
A	T	Z		A	Z	Z		B	Z	P
T	T	T		V	V	P		V	P	P
Bottom				Middle				Top		

Soma Cube - Solution 162										
L	B	B		L	A	A		L	L	A
Z	T	B		Z	Z	B		P	Z	A
T	T	T		P	V	V		P	P	V
Bottom				Middle				Top		

Soma Cube - Solution 163										
A	A	L		V	V	L		V	L	L
A	T	Z		A	Z	Z		P	Z	B
T	T	T		P	B	B		P	P	B
Bottom				Middle				Top		

Soma Cube - Solution 164										
L	B	B		L	V	V		L	L	V
Z	T	B		Z	Z	B		A	Z	P
T	T	T		A	A	P		A	P	P
Bottom				Middle				Top		

Soma Cube - Solution 165										
A	A	L		Z	A	L		Z	L	L
Z	T	B		Z	A	B		P	V	V
T	T	T		P	B	B		P	P	V
Bottom				Middle				Top		

Soma Cube - Solution 166										
L	B	B		L	B	Z		L	L	Z
A	T	Z		A	B	Z		V	V	P
T	T	T		A	A	P		V	P	P
Bottom				Middle				Top		

Soma Cube - Solution 167										
B	B	L		V	B	L		V	L	L
B	T	Z		V	A	Z		P	A	A
T	T	T		P	A	Z		P	P	Z
Bottom				Middle				Top		

Soma Cube - Solution 168										
L	A	A		L	A	V		L	L	V
Z	T	A		Z	B	V		B	B	P
T	T	T		Z	B	P		Z	P	P
Bottom				Middle				Top		

Soma Cube - Solution 169										
B	B	L		V	B	L		V	L	L
B	T	Z		V	P	Z		A	P	P
T	T	T		A	A	Z		A	P	Z
Bottom				Middle				Top		

Soma Cube - Solution 170										
L	A	A		L	A	V		L	L	V
Z	T	A		Z	P	V		P	P	B
T	T	T		Z	B	B		Z	P	B
Bottom				Middle				Top		

Soma Cube - Solution 171										
B	B	L		V	B	L		V	L	L
B	T	Z		V	Z	Z		A	Z	P
T	T	T		A	A	P		A	P	P
Bottom				Middle				Top		

Soma Cube - Solution 172										
L	A	A		L	A	V		L	L	V
Z	T	A		Z	Z	V		P	Z	B
T	T	T		P	B	B		P	P	B
Bottom				Middle				Top		

Soma Cube - Solution 173										
P	P	L		P	B	L		Z	L	L
P	T	B		Z	B	B		Z	A	A
T	T	T		Z	V	A		V	V	A
Bottom				Middle				Top		

Soma Cube - Solution 174										
L	P	P		L	A	P		L	L	Z
A	T	P		A	A	Z		B	B	Z
T	T	T		B	V	Z		B	V	V
Bottom				Middle				Top		

Soma Cube - Solution 175										
V	V	L		Z	V	L		Z	L	L
Z	T	A		Z	A	A		B	B	P
T	T	T		B	A	P		B	P	P
Bottom				Middle				Top		

Soma Cube - Solution 176										
L	V	V		L	V	Z		L	L	Z
B	T	Z		B	B	Z		P	A	A
T	T	T		P	B	A		P	P	A
Bottom				Middle				Top		

Soma Cube - Solution 177										
V	V	L		Z	V	L		Z	L	L
Z	T	P		Z	P	P		B	B	A
T	T	T		B	A	P		B	A	A
Bottom				Middle				Top		

Soma Cube - Solution 178										
L	V	V		L	V	Z		L	L	Z
P	T	Z		P	P	Z		B	A	A
T	T	T		P	B	A		B	B	A
Bottom				Middle				Top		

Soma Cube - Solution 179										
V	Z	L		Z	Z	L		Z	L	L
V	T	A		V	A	A		B	B	P
T	T	T		B	A	P		B	P	P
Bottom				Middle				Top		

Soma Cube - Solution 180										
L	Z	V		L	Z	Z		L	L	Z
B	T	V		B	B	V		P	A	A
T	T	T		P	B	A		P	P	A
Bottom				Middle				Top		

Soma Cube - Solution 181										
V	Z	L		Z	Z	L		Z	L	L
V	T	P		V	P	P		B	B	A
T	T	T		B	A	P		B	A	A
Bottom				Middle				Top		

Soma Cube - Solution 182										
L	Z	V		L	Z	Z		L	L	Z
P	T	V		P	P	V		B	A	A
T	T	T		P	B	A		B	B	A
Bottom				Middle				Top		

Soma Cube - Solution 183										
A	A	L		P	A	L		P	P	L
Z	T	B		Z	A	B		P	V	L
T	T	T		Z	B	B		Z	V	V
Bottom				Middle				Top		

Soma Cube - Solution 184										
L	B	B		L	B	P		L	P	P
A	T	Z		A	B	Z		L	V	P
T	T	T		A	A	Z		V	V	Z
Bottom				Middle				Top		

Soma Cube - Solution 185										
B	B	L		A	B	L		A	A	L
B	T	P		A	P	P		Z	Z	L
T	T	T		V	V	P		V	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 186										
L	A	A		L	A	B		L	B	B
P	T	A		P	P	B		L	Z	Z
T	T	T		P	V	V		Z	Z	V
Bottom				Middle				Top		

Soma Cube - Solution 187										
B	B	L		A	B	L		A	A	L
B	T	P		A	P	P		V	V	L
T	T	T		Z	Z	P		V	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 188										
L	A	A		L	A	B		L	B	B
P	T	A		P	P	B		L	V	V
T	T	T		P	Z	Z		Z	Z	V
Bottom				Middle				Top		

Soma Cube - Solution 189										
B	B	L		A	B	L		A	A	L
B	T	Z		A	P	Z		V	V	L
T	T	T		P	P	Z		V	P	Z
Bottom				Middle				Top		

Soma Cube - Solution 190										
L	A	A		L	A	B		L	B	B
Z	T	A		Z	P	B		L	V	V
T	T	T		Z	P	P		Z	P	V
Bottom				Middle				Top		

Soma Cube - Solution 191										
B	B	L		A	B	L		A	A	L
B	T	Z		A	P	Z		P	P	L
T	T	T		V	V	Z		V	P	Z
Bottom				Middle				Top		

Soma Cube - Solution 192										
L	A	A		L	A	B		L	B	B
Z	T	A		Z	P	B		L	P	P
T	T	T		Z	V	V		Z	P	V
Bottom				Middle				Top		

Soma Cube - Solution 193										
B	B	L		A	B	L		A	A	L
B	T	Z		A	V	Z		P	V	L
T	T	T		P	V	Z		P	P	Z
Bottom				Middle				Top		

Soma Cube - Solution 194										
L	A	A		L	A	B		L	B	B
Z	T	A		Z	V	B		L	V	P
T	T	T		Z	V	P		Z	P	P
Bottom				Middle				Top		

Soma Cube - Solution 195										
B	B	L		A	B	L		A	A	L
B	T	Z		A	Z	Z		P	Z	L
T	T	T		P	V	V		P	P	V
Bottom				Middle				Top		

Soma Cube - Solution 196										
L	A	A		L	A	B		L	B	B
Z	T	A		Z	Z	B		L	Z	P
T	T	T		V	V	P		V	P	P
Bottom				Middle				Top		

Soma Cube - Solution 197										
B	B	L		P	B	L		P	P	L
B	T	Z		A	A	Z		P	V	L
T	T	T		A	V	Z		A	V	Z
Bottom				Middle				Top		

Soma Cube - Solution 198										
L	A	A		L	A	P		L	P	P
Z	T	A		Z	B	B		L	V	P
T	T	T		Z	V	B		Z	V	B
Bottom				Middle				Top		

Soma Cube - Solution 199										
B	B	L		P	B	L		P	P	L
B	T	Z		A	A	Z		P	A	L
T	T	T		V	V	Z		V	A	Z
Bottom				Middle				Top		

Soma Cube - Solution 200										
L	A	A		L	A	P		L	P	P
Z	T	A		Z	B	B		L	B	P
T	T	T		Z	V	V		Z	B	V
Bottom				Middle				Top		

Soma Cube - Solution 201										
B	B	L		P	B	L		P	P	L
B	T	Z		V	V	Z		P	A	L
T	T	T		A	V	Z		A	A	Z
Bottom				Middle				Top		

Soma Cube - Solution 202										
L	A	A		L	A	P		L	P	P
Z	T	A		Z	V	V		L	B	P
T	T	T		Z	V	B		Z	B	B
Bottom				Middle				Top		

Soma Cube - Solution 203										
P	P	L		P	A	L		A	A	L
P	T	Z		B	B	Z		A	B	L
T	T	T		B	V	Z		V	V	Z
Bottom				Middle				Top		

Soma Cube - Solution 204										
L	P	P		L	B	P		L	B	B
Z	T	P		Z	A	A		L	A	B
T	T	T		Z	V	A		Z	V	V
Bottom				Middle				Top		

Soma Cube - Solution 205										
P	P	L		P	A	L		A	A	L
P	T	Z		B	V	Z		A	V	L
T	T	T		B	V	Z		B	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 206										
L	P	P		L	B	P		L	B	B
Z	T	P		Z	V	A		L	V	B
T	T	T		Z	V	A		Z	A	A
Bottom				Middle				Top		

Soma Cube - Solution 207										
P	P	L		P	A	L		A	A	L
P	T	Z		B	Z	Z		A	Z	L
T	T	T		B	V	V		B	B	V
Bottom				Middle				Top		

Soma Cube - Solution 208										
L	P	P		L	B	P		L	B	B
Z	T	P		Z	Z	A		L	Z	B
T	T	T		V	V	A		V	A	A
Bottom				Middle				Top		

Soma Cube - Solution 209										
P	P	L		P	A	L		A	A	L
P	T	Z		V	B	Z		A	B	L
T	T	T		V	V	Z		B	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 210										
L	P	P		L	B	P		L	B	B
Z	T	P		Z	A	V		L	A	B
T	T	T		Z	V	V		Z	A	A
Bottom				Middle				Top		

Soma Cube - Solution 211										
P	P	L		P	B	L		B	B	L
P	T	Z		A	B	Z		V	V	L
T	T	T		A	A	Z		V	A	Z
Bottom				Middle				Top		

Soma Cube - Solution 212										
L	P	P		L	A	P		L	A	A
Z	T	P		Z	A	B		L	V	V
T	T	T		Z	B	B		Z	B	V
Bottom				Middle				Top		

Soma Cube - Solution 213										
P	P	L		P	B	L		B	B	L
P	T	Z		A	B	Z		A	A	L
T	T	T		A	V	Z		V	V	Z
Bottom				Middle				Top		

Soma Cube - Solution 214										
L	P	P		L	A	P		L	A	A
Z	T	P		Z	A	B		L	B	B
T	T	T		Z	V	B		Z	V	V
Bottom				Middle				Top		

Soma Cube - Solution 215										
P	P	L		P	B	L		B	B	L
P	T	Z		V	B	Z		A	A	L
T	T	T		V	A	Z		V	A	Z
Bottom				Middle				Top		

Soma Cube - Solution 216										
L	P	P		L	A	P		L	A	A
Z	T	P		Z	A	V		L	B	B
T	T	T		Z	B	V		Z	B	V
Bottom				Middle				Top		

Soma Cube - Solution 217										
P	P	L		P	V	L		V	V	L
P	T	B		A	A	B		Z	Z	L
T	T	T		A	B	B		A	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 218										
L	P	P		L	V	P		L	V	V
A	T	P		A	B	B		L	Z	Z
T	T	T		A	A	B		Z	Z	B
Bottom				Middle				Top		

Soma Cube - Solution 219										
V	V	L		P	V	L		P	P	L
A	T	Z		A	B	Z		P	B	L
T	T	T		A	A	Z		B	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 220										
L	V	V		L	V	P		L	P	P
Z	T	B		Z	A	B		L	A	P
T	T	T		Z	B	B		Z	A	A
Bottom				Middle				Top		

Soma Cube - Solution 221										
V	V	L		P	V	L		P	P	L
B	T	Z		B	B	Z		P	A	L
T	T	T		A	B	Z		A	A	Z
Bottom				Middle				Top		

Soma Cube - Solution 222										
L	V	V		L	V	P		L	P	P
Z	T	A		Z	A	A		L	B	P
T	T	T		Z	A	B		Z	B	B
Bottom				Middle				Top		

Soma Cube - Solution 223										
V	V	L		P	V	L		P	P	L
Z	T	A		Z	A	A		P	B	L
T	T	T		Z	A	B		Z	B	B
Bottom				Middle				Top		

Soma Cube - Solution 224										
L	V	V		L	V	P		L	P	P
B	T	Z		B	B	Z		L	A	P
T	T	T		A	B	Z		A	A	Z
Bottom				Middle				Top		

Soma Cube - Solution 225										
V	V	L		P	V	L		P	P	L
Z	T	B		Z	A	B		P	A	L
T	T	T		Z	B	B		Z	A	A
Bottom				Middle				Top		

Soma Cube - Solution 226										
L	V	V		L	V	P		L	P	P
A	T	Z		A	B	Z		L	B	P
T	T	T		A	A	Z		B	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 227										
P	P	Z		P	Z	Z		A	Z	L
P	T	L		A	A	L		A	B	L
T	T	T		V	V	B		V	B	B
Bottom				Middle				Top		

Soma Cube - Solution 228										
Z	P	P		Z	Z	P		L	Z	B
L	T	P		L	B	B		L	A	B
T	T	T		A	V	V		A	A	V
Bottom				Middle				Top		

Soma Cube - Solution 229										
P	P	Z		P	Z	Z		V	Z	L
P	T	L		B	A	L		V	V	L
T	T	T		B	A	A		B	B	A
Bottom				Middle				Top		

Soma Cube - Solution 230										
Z	P	P		Z	Z	P		L	Z	V
L	T	P		L	B	A		L	V	V
T	T	T		B	B	A		B	A	A
Bottom				Middle				Top		

Soma Cube - Solution 231										
P	P	A		P	B	B		Z	B	L
P	T	A		Z	A	A		Z	B	L
T	T	T		Z	V	L		V	V	L
Bottom				Middle				Top		

Soma Cube - Solution 232										
B	P	P		A	A	P		L	A	Z
B	T	P		B	B	Z		L	A	Z
T	T	T		L	V	Z		L	V	V
Bottom				Middle				Top		

Soma Cube - Solution 233										
P	P	A		P	V	V		Z	Z	V
P	T	A		B	A	A		B	Z	Z
T	T	T		B	B	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 234										
B	P	P		V	V	P		V	Z	Z
B	T	P		B	B	A		Z	Z	A
T	T	T		L	A	A		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 235										
P	P	A		P	V	V		B	B	V
P	T	A		B	A	A		B	Z	Z
T	T	T		L	L	L		Z	Z	L
Bottom				Middle				Top		

Soma Cube - Solution 236										
B	P	P		V	V	P		V	A	A
B	T	P		B	B	A		Z	Z	A
T	T	T		L	L	L		L	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 237										
P	P	A		P	V	V		Z	L	V
P	T	A		Z	A	A		Z	L	B
T	T	T		Z	B	B		L	L	B
Bottom				Middle				Top		

Soma Cube - Solution 238										
B	P	P		V	V	P		V	L	Z
B	T	P		B	B	Z		A	L	Z
T	T	T		A	A	Z		A	L	L
Bottom				Middle				Top		

Soma Cube - Solution 239										
P	P	A		P	Z	Z		Z	Z	L
P	T	A		B	A	A		B	V	L
T	T	T		B	B	L		V	V	L
Bottom				Middle				Top		

Soma Cube - Solution 240										
B	P	P		Z	Z	P		L	Z	Z
B	T	P		B	B	A		L	V	A
T	T	T		L	A	A		L	V	V
Bottom				Middle				Top		

Soma Cube - Solution 241										
P	P	A		P	Z	Z		Z	Z	V
P	T	A		B	A	A		B	V	V
T	T	T		B	B	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 242										
B	P	P		Z	Z	P		V	Z	Z
B	T	P		B	B	A		V	V	A
T	T	T		L	A	A		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 243										
P	P	A		P	Z	Z		Z	Z	L
P	T	A		B	A	A		L	L	L
T	T	T		B	V	V		B	B	V
Bottom				Middle				Top		

Soma Cube - Solution 244										
B	P	P		Z	Z	P		L	Z	Z
B	T	P		B	B	A		L	L	L
T	T	T		V	V	A		V	A	A
Bottom				Middle				Top		

Soma Cube - Solution 245										
P	P	A		P	Z	Z		Z	Z	L
P	T	A		B	A	A		B	B	L
T	T	T		V	V	L		V	B	L
Bottom				Middle				Top		

Soma Cube - Solution 246										
B	P	P		Z	Z	P		L	Z	Z
B	T	P		B	B	A		L	A	A
T	T	T		L	V	V		L	A	V
Bottom				Middle				Top		

Soma Cube - Solution 247										
P	P	A		P	Z	Z		Z	Z	L
P	T	A		V	A	A		V	B	L
T	T	T		B	B	L		V	B	L
Bottom				Middle				Top		

Soma Cube - Solution 248										
B	P	P		Z	Z	P		L	Z	Z
B	T	P		B	B	V		L	A	V
T	T	T		L	A	A		L	A	V
Bottom				Middle				Top		

Soma Cube - Solution 249										
P	P	A		P	A	A		L	L	L
P	T	B		V	A	B		Z	Z	L
T	T	T		V	B	B		V	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 250										
B	P	P		B	B	P		L	L	L
A	T	P		A	B	V		L	Z	Z
T	T	T		A	A	V		Z	Z	V
Bottom				Middle				Top		

Soma Cube - Solution 251										
P	P	A		P	A	A		Z	L	L
P	T	B		V	A	B		Z	Z	L
T	T	T		V	B	B		V	Z	L
Bottom				Middle				Top		

Soma Cube - Solution 252										
B	P	P		B	B	P		L	L	Z
A	T	P		A	B	V		L	Z	Z
T	T	T		A	A	V		L	Z	V
Bottom				Middle				Top		

Soma Cube - Solution 253										
P	P	A		P	A	A		Z	L	L
P	T	B		Z	A	B		Z	V	L
T	T	T		Z	B	B		V	V	L
Bottom				Middle				Top		

Soma Cube - Solution 254										
B	P	P		B	B	P		L	L	Z
A	T	P		A	B	Z		L	V	Z
T	T	T		A	A	Z		L	V	V
Bottom				Middle				Top		

Soma Cube - Solution 255										
P	P	A		P	A	A		Z	V	V
P	T	B		Z	A	B		Z	V	L
T	T	T		Z	B	B		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 256										
B	P	P		B	B	P		V	V	Z
A	T	P		A	B	Z		L	V	Z
T	T	T		A	A	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 257										
P	P	A		P	A	A		L	L	L
P	T	Z		B	A	Z		B	V	L
T	T	T		B	B	Z		V	V	Z
Bottom				Middle				Top		

Soma Cube - Solution 258										
B	P	P		B	B	P		L	L	L
Z	T	P		Z	B	A		L	V	A
T	T	T		Z	A	A		Z	V	V
Bottom				Middle				Top		

Soma Cube - Solution 259										
P	P	A		P	A	A		L	L	L
P	T	Z		B	A	Z		B	B	L
T	T	T		V	V	Z		V	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 260										
B	P	P		B	B	P		L	L	L
Z	T	P		Z	B	A		L	A	A
T	T	T		Z	V	V		Z	A	V
Bottom				Middle				Top		

Soma Cube - Solution 261										
P	P	A		P	A	A		L	L	L
P	T	Z		V	A	Z		V	B	L
T	T	T		B	B	Z		V	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 262										
B	P	P		B	B	P		L	L	L
Z	T	P		Z	B	V		L	A	V
T	T	T		Z	A	A		Z	A	V
Bottom				Middle				Top		

Soma Cube - Solution 263										
P	P	A		P	A	A		L	L	L
P	T	Z		V	A	Z		L	B	B
T	T	T		V	B	Z		V	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 264										
B	P	P		B	B	P		L	L	L
Z	T	P		Z	B	V		A	A	L
T	T	T		Z	A	V		Z	A	V
Bottom				Middle				Top		

Soma Cube - Solution 265										
P	P	B		P	B	B		L	L	L
P	T	B		A	A	V		Z	Z	L
T	T	T		A	V	V		A	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 266										
A	P	P		A	A	P		L	L	L
A	T	P		V	B	B		L	Z	Z
T	T	T		V	V	B		Z	Z	B
Bottom				Middle				Top		

Soma Cube - Solution 267										
P	P	B		P	B	B		Z	L	L
P	T	B		A	A	V		Z	Z	L
T	T	T		A	V	V		A	Z	L
Bottom				Middle				Top		

Soma Cube - Solution 268										
A	P	P		A	A	P		L	L	Z
A	T	P		V	B	B		L	Z	Z
T	T	T		V	V	B		L	Z	B
Bottom				Middle				Top		

Soma Cube - Solution 269										
P	P	B		P	B	B		V	V	Z
P	T	B		A	A	Z		A	V	Z
T	T	T		L	A	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 270										
A	P	P		A	A	P		Z	V	V
A	T	P		Z	B	B		Z	V	B
T	T	T		Z	B	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 271										
P	P	B		P	B	B		A	L	Z
P	T	B		A	A	Z		A	L	Z
T	T	T		V	V	Z		V	L	L
Bottom				Middle				Top		

Soma Cube - Solution 272										
A	P	P		A	A	P		Z	L	B
A	T	P		Z	B	B		Z	L	B
T	T	T		Z	V	V		L	L	V
Bottom				Middle				Top		

Soma Cube - Solution 273										
P	P	B		P	B	B		V	V	L
P	T	B		A	Z	Z		A	V	L
T	T	T		Z	Z	L		A	A	L
Bottom				Middle				Top		

Soma Cube - Solution 274										
A	P	P		A	A	P		L	V	V
A	T	P		Z	Z	B		L	V	B
T	T	T		L	Z	Z		L	B	B
Bottom				Middle				Top		

Soma Cube - Solution 275										
P	P	B		P	B	B		L	L	L
P	T	B		V	A	A		V	A	L
T	T	T		Z	Z	A		V	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 276										
A	P	P		A	A	P		L	L	L
A	T	P		B	B	V		L	B	V
T	T	T		B	Z	Z		Z	Z	V
Bottom				Middle				Top		

Soma Cube - Solution 277										
P	P	B		P	B	B		A	A	Z
P	T	B		V	A	Z		L	A	Z
T	T	T		V	V	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 278										
A	P	P		A	A	P		Z	B	B
A	T	P		Z	B	V		Z	B	L
T	T	T		Z	V	V		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 279										
P	P	B		P	B	B		L	L	Z
P	T	B		V	A	Z		L	A	Z
T	T	T		V	V	Z		L	A	A
Bottom				Middle				Top		

Soma Cube - Solution 280										
A	P	P		A	A	P		Z	L	L
A	T	P		Z	B	V		Z	B	L
T	T	T		Z	V	V		B	B	L
Bottom				Middle				Top		

Soma Cube - Solution 281										
P	P	B		P	B	B		Z	L	L
P	T	B		Z	A	A		Z	A	L
T	T	T		Z	V	A		V	V	L
Bottom				Middle				Top		

Soma Cube - Solution 282										
A	P	P		A	A	P		L	L	Z
A	T	P		B	B	Z		L	B	Z
T	T	T		B	V	Z		L	V	V
Bottom				Middle				Top		

Soma Cube - Solution 283										
P	P	B		P	B	B		Z	A	L
P	T	B		Z	A	A		Z	A	L
T	T	T		Z	V	L		V	V	L
Bottom				Middle				Top		

Soma Cube - Solution 284										
A	P	P		A	A	P		L	B	Z
A	T	P		B	B	Z		L	B	Z
T	T	T		L	V	Z		L	V	V
Bottom				Middle				Top		

Soma Cube - Solution 285										
P	P	B		P	B	B		Z	L	V
P	T	B		Z	A	V		Z	L	V
T	T	T		Z	A	A		L	L	A
Bottom				Middle				Top		

Soma Cube - Solution 286										
A	P	P		A	A	P		V	L	Z
A	T	P		V	B	Z		V	L	Z
T	T	T		B	B	Z		B	L	L
Bottom				Middle				Top		

Soma Cube - Solution 287										
P	P	B		P	B	B		Z	A	A
P	T	B		Z	V	A		Z	V	A
T	T	T		Z	V	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 288										
A	P	P		A	A	P		B	B	Z
A	T	P		B	V	Z		B	V	Z
T	T	T		L	V	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 289										
P	P	B		P	B	B		L	A	A
P	T	B		Z	Z	A		L	V	A
T	T	T		L	Z	Z		L	V	V
Bottom				Middle				Top		

Soma Cube - Solution 290										
A	P	P		A	A	P		B	B	L
A	T	P		B	Z	Z		B	V	L
T	T	T		Z	Z	L		V	V	L
Bottom				Middle				Top		

Soma Cube - Solution 291										
P	P	B		P	B	B		V	A	A
P	T	B		Z	Z	A		V	V	A
T	T	T		L	Z	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 292										
A	P	P		A	A	P		B	B	V
A	T	P		B	Z	Z		B	V	V
T	T	T		Z	Z	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 293										
P	P	B		P	B	B		L	L	L
P	T	B		Z	Z	A		L	Z	Z
T	T	T		V	V	A		V	A	A
Bottom				Middle				Top		

Soma Cube - Solution 294										
A	P	P		A	A	P		L	L	L
A	T	P		B	Z	Z		Z	Z	L
T	T	T		B	V	V		B	B	V
Bottom				Middle				Top		

Soma Cube - Solution 295										
P	P	B		P	B	B		L	L	L
P	T	B		Z	Z	V		L	A	V
T	T	T		A	Z	Z		A	A	V
Bottom				Middle				Top		

Soma Cube - Solution 296										
A	P	P		A	A	P		L	L	L
A	T	P		V	Z	Z		V	B	L
T	T	T		Z	Z	B		V	B	B
Bottom				Middle				Top		

Soma Cube - Solution 297										
P	P	V		P	A	B		A	A	B
P	T	V		Z	Z	V		A	B	B
T	T	T		L	Z	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 298										
V	P	P		A	B	P		A	B	B
V	T	P		V	Z	Z		A	A	B
T	T	T		Z	Z	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 299										
P	P	V		P	A	L		A	A	L
P	T	V		B	B	V		A	B	L
T	T	T		B	Z	Z		Z	Z	L
Bottom				Middle				Top		

Soma Cube - Solution 300										
V	P	P		L	B	P		L	B	B
V	T	P		V	A	A		L	A	B
T	T	T		Z	Z	A		L	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 301										
P	P	V		P	B	B		Z	Z	B
P	T	V		A	B	V		A	Z	Z
T	T	T		L	L	L		A	A	L
Bottom				Middle				Top		

Soma Cube - Solution 302										
V	P	P		A	A	P		A	Z	Z
V	T	P		V	A	B		Z	Z	B
T	T	T		L	L	L		L	B	B
Bottom				Middle				Top		

Soma Cube - Solution 303										
P	P	V		P	B	B		Z	B	L
P	T	V		Z	A	V		Z	B	L
T	T	T		Z	A	L		A	A	L
Bottom				Middle				Top		

Soma Cube - Solution 304										
V	P	P		A	A	P		L	A	Z
V	T	P		V	B	Z		L	A	Z
T	T	T		L	B	Z		L	B	B
Bottom				Middle				Top		

Soma Cube - Solution 305										
P	P	V		P	B	L		B	B	L
P	T	V		A	B	V		A	A	L
T	T	T		A	Z	Z		Z	Z	L
Bottom				Middle				Top		

Soma Cube - Solution 306										
V	P	P		L	A	P		L	A	A
V	T	P		V	A	B		L	B	B
T	T	T		Z	Z	B		L	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 307										
P	P	V		P	Z	A		L	A	A
P	T	V		Z	Z	V		L	A	B
T	T	T		Z	B	B		L	L	B
Bottom				Middle				Top		

Soma Cube - Solution 308										
V	P	P		B	Z	P		B	B	L
V	T	P		V	Z	Z		A	B	L
T	T	T		A	A	Z		A	L	L
Bottom				Middle				Top		

Soma Cube - Solution 309										
P	P	V		P	Z	L		L	L	L
P	T	V		Z	Z	V		B	A	A
T	T	T		Z	B	A		B	B	A
Bottom				Middle				Top		

Soma Cube - Solution 310										
V	P	P		L	Z	P		L	L	L
V	T	P		V	Z	Z		B	B	A
T	T	T		B	A	Z		B	A	A
Bottom				Middle				Top		

Soma Cube - Solution 311										
P	P	V		P	Z	Z		Z	Z	L
P	T	V		B	A	V		L	L	L
T	T	T		B	A	A		B	B	A
Bottom				Middle				Top		

Soma Cube - Solution 312										
V	P	P		Z	Z	P		L	Z	Z
V	T	P		V	B	A		L	L	L
T	T	T		B	B	A		B	A	A
Bottom				Middle				Top		

Soma Cube - Solution 313										
P	P	V		P	Z	Z		Z	Z	A
P	T	V		B	A	V		B	A	A
T	T	T		B	B	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 314										
V	P	P		Z	Z	P		B	Z	Z
V	T	P		V	B	A		B	B	A
T	T	T		L	A	A		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 315										
P	P	V		P	Z	Z		L	L	L
P	T	V		Z	Z	V		A	B	L
T	T	T		A	A	B		A	B	B
Bottom				Middle				Top		

Soma Cube - Solution 316										
V	P	P		Z	Z	P		L	L	L
V	T	P		V	Z	Z		L	A	B
T	T	T		A	B	B		A	A	B
Bottom				Middle				Top		

Soma Cube - Solution 317										
P	P	V		P	Z	Z		L	L	L
P	T	V		Z	Z	V		L	A	B
T	T	T		A	B	B		A	A	B
Bottom				Middle				Top		

Soma Cube - Solution 318										
V	P	P		Z	Z	P		L	L	L
V	T	P		V	Z	Z		A	B	L
T	T	T		A	A	B		A	B	B
Bottom				Middle				Top		

Soma Cube - Solution 319										
P	P	V		P	V	V		L	L	L
P	T	B		A	A	B		Z	Z	L
T	T	T		A	B	B		A	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 320										
V	P	P		V	V	P		L	L	L
A	T	P		A	B	B		L	Z	Z
T	T	T		A	A	B		Z	Z	B
Bottom				Middle				Top		

Soma Cube - Solution 321										
P	P	V		P	V	V		Z	L	L
P	T	B		A	A	B		Z	Z	L
T	T	T		A	B	B		A	Z	L
Bottom				Middle				Top		

Soma Cube - Solution 322										
V	P	P		V	V	P		L	L	Z
A	T	P		A	B	B		L	Z	Z
T	T	T		A	A	B		L	Z	B
Bottom				Middle				Top		

Soma Cube - Solution 323										
P	P	V		P	V	V		L	L	L
P	T	Z		A	A	Z		L	B	B
T	T	T		A	B	Z		A	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 324										
V	P	P		V	V	P		L	L	L
Z	T	P		Z	B	B		A	A	L
T	T	T		Z	A	B		Z	A	B
Bottom				Middle				Top		

Soma Cube - Solution 325										
P	P	V		P	V	V		L	L	L
P	T	Z		B	A	Z		L	A	A
T	T	T		B	A	Z		B	B	Z
Bottom				Middle				Top		

Soma Cube - Solution 326										
V	P	P		V	V	P		L	L	L
Z	T	P		Z	B	A		B	B	L
T	T	T		Z	B	A		Z	A	A
Bottom				Middle				Top		

Soma Cube - Solution 327										
P	P	Z		P	A	A		B	B	L
P	T	Z		B	A	Z		B	A	L
T	T	T		V	V	Z		V	L	L
Bottom				Middle				Top		

Soma Cube - Solution 328										
Z	P	P		B	B	P		L	A	A
Z	T	P		Z	B	A		L	B	A
T	T	T		Z	V	V		L	L	V
Bottom				Middle				Top		

Soma Cube - Solution 329										
P	P	Z		P	A	A		L	L	A
P	T	Z		B	B	Z		L	B	A
T	T	T		B	V	Z		L	V	V
Bottom				Middle				Top		

Soma Cube - Solution 330										
Z	P	P		B	B	P		B	L	L
Z	T	P		Z	A	A		B	A	L
T	T	T		Z	V	A		V	V	L
Bottom				Middle				Top		

Soma Cube - Solution 331										
P	P	Z		P	A	A		L	B	A
P	T	Z		B	B	Z		L	B	A
T	T	T		L	V	Z		L	V	V
Bottom				Middle				Top		

Soma Cube - Solution 332										
Z	P	P		B	B	P		B	A	L
Z	T	P		Z	A	A		B	A	L
T	T	T		Z	V	L		V	V	L
Bottom				Middle				Top		

Soma Cube - Solution 333										
P	P	Z		P	A	A		B	B	A
P	T	Z		B	V	Z		B	V	A
T	T	T		L	V	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 334										
Z	P	P		B	B	P		B	A	A
Z	T	P		Z	V	A		B	V	A
T	T	T		Z	V	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 335										
P	P	Z		P	A	A		V	L	A
P	T	Z		V	B	Z		V	L	A
T	T	T		B	B	Z		B	L	L
Bottom				Middle				Top		

Soma Cube - Solution 336										
Z	P	P		B	B	P		B	L	V
Z	T	P		Z	A	V		B	L	V
T	T	T		Z	A	A		L	L	A
Bottom				Middle				Top		

Soma Cube - Solution 337										
P	P	Z		P	A	B		L	A	B
P	T	Z		A	A	Z		L	B	B
T	T	T		L	V	Z		L	V	V
Bottom				Middle				Top		

Soma Cube - Solution 338										
Z	P	P		A	B	P		A	B	L
Z	T	P		Z	B	B		A	A	L
T	T	T		Z	V	L		V	V	L
Bottom				Middle				Top		

Soma Cube - Solution 339										
P	P	Z		P	A	B		A	A	B
P	T	Z		V	V	Z		A	B	B
T	T	T		L	V	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 340										
Z	P	P		A	B	P		A	B	B
Z	T	P		Z	V	V		A	A	B
T	T	T		Z	V	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 341										
P	P	Z		P	A	L		A	A	L
P	T	Z		B	B	Z		A	B	L
T	T	T		B	V	Z		V	V	L
Bottom				Middle				Top		

Soma Cube - Solution 342										
Z	P	P		L	B	P		L	B	B
Z	T	P		Z	A	A		L	A	B
T	T	T		Z	V	A		L	V	V
Bottom				Middle				Top		

Soma Cube - Solution 343										
P	P	Z		P	A	L		A	A	L
P	T	Z		B	V	Z		A	V	L
T	T	T		B	V	Z		B	B	L
Bottom				Middle				Top		

Soma Cube - Solution 344										
Z	P	P		L	B	P		L	B	B
Z	T	P		Z	V	A		L	V	B
T	T	T		Z	V	A		L	A	A
Bottom				Middle				Top		

Soma Cube - Solution 345										
P	P	Z		P	A	L		A	A	L
P	T	Z		V	B	Z		A	B	L
T	T	T		V	V	Z		B	B	L
Bottom				Middle				Top		

Soma Cube - Solution 346										
Z	P	P		L	B	P		L	B	B
Z	T	P		Z	A	V		L	A	B
T	T	T		Z	V	V		L	A	A
Bottom				Middle				Top		

Soma Cube - Solution 347										
P	P	Z		P	B	B		A	B	L
P	T	Z		A	A	Z		A	B	L
T	T	T		V	V	Z		V	L	L
Bottom				Middle				Top		

Soma Cube - Solution 348										
Z	P	P		A	A	P		L	A	B
Z	T	P		Z	B	B		L	A	B
T	T	T		Z	V	V		L	L	V
Bottom				Middle				Top		

Soma Cube - Solution 349										
P	P	Z		P	B	B		L	L	B
P	T	Z		A	B	Z		L	V	V
T	T	T		A	A	Z		L	A	V
Bottom				Middle				Top		

Soma Cube - Solution 350										
Z	P	P		A	A	P		A	L	L
Z	T	P		Z	A	B		V	V	L
T	T	T		Z	B	B		V	B	L
Bottom				Middle				Top		

Soma Cube - Solution 351										
P	P	Z		P	B	L		B	B	L
P	T	Z		A	B	Z		V	V	L
T	T	T		A	A	Z		V	A	L
Bottom				Middle				Top		

Soma Cube - Solution 352										
Z	P	P		L	A	P		L	A	A
Z	T	P		Z	A	B		L	V	V
T	T	T		Z	B	B		L	B	V
Bottom				Middle				Top		

Soma Cube - Solution 353										
P	P	Z		P	B	L		B	B	L
P	T	Z		A	B	Z		A	A	L
T	T	T		A	V	Z		V	V	L
Bottom				Middle				Top		

Soma Cube - Solution 354										
Z	P	P		L	A	P		L	A	A
Z	T	P		Z	A	B		L	B	B
T	T	T		Z	V	B		L	V	V
Bottom				Middle				Top		

Soma Cube - Solution 355										
P	P	Z		P	B	L		B	B	L
P	T	Z		V	B	Z		A	A	L
T	T	T		V	A	Z		V	A	L
Bottom				Middle				Top		

Soma Cube - Solution 356										
Z	P	P		L	A	P		L	A	A
Z	T	P		Z	A	V		L	B	B
T	T	T		Z	B	V		L	B	V
Bottom				Middle				Top		

Soma Cube - Solution 357										
P	P	Z		P	V	B		V	V	B
P	T	Z		A	A	Z		A	B	B
T	T	T		L	A	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 358										
Z	P	P		A	V	P		A	V	V
Z	T	P		Z	B	B		A	A	B
T	T	T		Z	B	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 359										
P	P	Z		P	V	L		L	L	L
P	T	Z		V	V	Z		B	B	A
T	T	T		B	A	Z		B	A	A
Bottom				Middle				Top		

Soma Cube - Solution 360										
Z	P	P		L	V	P		L	L	L
Z	T	P		Z	V	V		B	A	A
T	T	T		Z	B	A		B	B	A
Bottom				Middle				Top		

Soma Cube - Solution 361										
P	P	Z		P	V	V		L	L	V
P	T	Z		A	B	Z		L	B	B
T	T	T		A	A	Z		L	A	B
Bottom				Middle				Top		

Soma Cube - Solution 362										
Z	P	P		V	V	P		V	L	L
Z	T	P		Z	A	B		A	A	L
T	T	T		Z	B	B		A	B	L
Bottom				Middle				Top		

Soma Cube - Solution 363										
P	P	Z		P	V	V		B	B	V
P	T	Z		B	A	Z		B	A	L
T	T	T		A	A	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 364										
Z	P	P		V	V	P		V	A	A
Z	T	P		Z	B	A		L	B	A
T	T	T		Z	B	B		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 365										
P	P	Z		P	V	V		A	A	V
P	T	Z		B	A	Z		B	A	L
T	T	T		B	B	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 366										
Z	P	P		V	V	P		V	B	B
Z	T	P		Z	B	A		L	B	A
T	T	T		Z	A	A		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 367										
P	P	Z		P	V	V		B	B	V
P	T	Z		B	A	Z		B	A	A
T	T	T		L	A	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 368										
Z	P	P		V	V	P		V	A	A
Z	T	P		Z	B	A		B	B	A
T	T	T		Z	B	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 369										
P	P	Z		P	V	V		L	L	V
P	T	Z		B	B	Z		L	B	A
T	T	T		B	A	Z		L	A	A
Bottom				Middle				Top		

Soma Cube - Solution 370										
Z	P	P		V	V	P		V	L	L
Z	T	P		Z	A	A		B	A	L
T	T	T		Z	B	A		B	B	L
Bottom				Middle				Top		

Soma Cube - Solution 371										
P	P	Z		P	V	V		L	B	V
P	T	Z		B	B	Z		L	B	A
T	T	T		L	A	Z		L	A	A
Bottom				Middle				Top		

Soma Cube - Solution 372										
Z	P	P		V	V	P		V	A	L
Z	T	P		Z	A	A		B	A	L
T	T	T		Z	B	L		B	B	L
Bottom				Middle				Top		

Soma Cube - Solution 373										
P	P	Z		P	Z	Z		V	Z	L
P	T	A		B	A	A		V	V	L
T	T	T		B	A	L		B	B	L
Bottom				Middle				Top		

Soma Cube - Solution 374										
Z	P	P		Z	Z	P		L	Z	V
B	T	P		B	B	A		L	V	V
T	T	T		L	B	A		L	A	A
Bottom				Middle				Top		

Soma Cube - Solution 375										
P	P	Z		P	Z	Z		V	Z	L
P	T	B		A	A	B		V	V	L
T	T	T		A	B	B		A	L	L
Bottom				Middle				Top		

Soma Cube - Solution 376										
Z	P	P		Z	Z	P		L	Z	V
A	T	P		A	B	B		L	V	V
T	T	T		A	A	B		L	L	B
Bottom				Middle				Top		

Soma Cube - Solution 377										
P	P	Z		P	Z	Z		A	Z	V
P	T	B		A	A	B		A	V	V
T	T	T		L	B	B		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 378										
Z	P	P		Z	Z	P		V	Z	B
A	T	P		A	B	B		V	V	B
T	T	T		A	A	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 379										
P	P	Z		P	Z	Z		V	Z	A
P	T	B		V	A	B		V	A	A
T	T	T		L	B	B		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 380										
Z	P	P		Z	Z	P		B	Z	V
A	T	P		A	B	V		B	B	V
T	T	T		A	A	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 381										
A	A	B		P	B	B		P	P	Z
A	T	B		A	V	Z		P	V	Z
T	T	T		L	V	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 382										
A	B	B		A	A	P		Z	P	P
A	T	B		Z	V	B		Z	V	P
T	T	T		Z	V	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 383										
A	A	B		P	B	B		P	P	L
A	T	B		A	Z	Z		P	V	L
T	T	T		Z	Z	L		V	V	L
Bottom				Middle				Top		

Soma Cube - Solution 384										
A	B	B		A	A	P		L	P	P
A	T	B		Z	Z	B		L	V	P
T	T	T		L	Z	Z		L	V	V
Bottom				Middle				Top		

Soma Cube - Solution 385										
A	A	B		P	B	B		P	P	V
A	T	B		A	Z	Z		P	V	V
T	T	T		Z	Z	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 386										
A	B	B		A	A	P		V	P	P
A	T	B		Z	Z	B		V	V	P
T	T	T		L	Z	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 387										
A	A	V		L	V	V		L	L	L
A	T	Z		A	Z	Z		P	Z	B
T	T	T		P	B	B		P	P	B
Bottom				Middle				Top		

Soma Cube - Solution 388										
V	B	B		V	V	L		L	L	L
Z	T	B		Z	Z	B		A	Z	P
T	T	T		A	A	P		A	P	P
Bottom				Middle				Top		

Soma Cube - Solution 389										
A	A	V		P	B	B		P	P	B
A	T	V		A	B	V		P	Z	Z
T	T	T		L	L	L		Z	Z	L
Bottom				Middle				Top		

Soma Cube - Solution 390										
V	B	B		A	A	P		A	P	P
V	T	B		V	A	B		Z	Z	P
T	T	T		L	L	L		L	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 391										
A	B	B		A	A	L		L	L	L
A	T	B		P	P	B		P	Z	Z
T	T	T		P	V	V		Z	Z	V
Bottom				Middle				Top		

Soma Cube - Solution 392										
A	A	B		L	B	B		L	L	L
A	T	B		A	P	P		Z	Z	P
T	T	T		V	V	P		V	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 393										
A	B	B		A	A	L		L	L	L
A	T	B		P	P	B		P	V	V
T	T	T		P	Z	Z		Z	Z	V
Bottom				Middle				Top		

Soma Cube - Solution 394										
A	A	B		L	B	B		L	L	L
A	T	B		A	P	P		V	V	P
T	T	T		Z	Z	P		V	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 395										
A	B	B		A	A	L		V	V	L
A	T	B		P	P	B		P	V	L
T	T	T		P	Z	Z		Z	Z	L
Bottom				Middle				Top		

Soma Cube - Solution 396										
A	A	B		L	B	B		L	V	V
A	T	B		A	P	P		L	V	P
T	T	T		Z	Z	P		L	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 397										
A	B	B		A	A	L		L	L	L
A	T	B		Z	Z	B		P	Z	Z
T	T	T		P	V	V		P	P	V
Bottom				Middle				Top		

Soma Cube - Solution 398										
A	A	B		L	B	B		L	L	L
A	T	B		A	Z	Z		Z	Z	P
T	T	T		V	V	P		V	P	P
Bottom				Middle				Top		

Soma Cube - Solution 399										
A	B	B		A	A	L		L	L	L
A	T	B		Z	Z	B		P	V	V
T	T	T		P	Z	Z		P	P	V
Bottom				Middle				Top		

Soma Cube - Solution 400										
A	A	B		L	B	B		L	L	L
A	T	B		A	Z	Z		V	V	P
T	T	T		Z	Z	P		V	P	P
Bottom				Middle				Top		

Soma Cube - Solution 401										
A	B	B		A	A	L		V	V	L
A	T	B		Z	Z	B		P	V	L
T	T	T		P	Z	Z		P	P	L
Bottom				Middle				Top		

Soma Cube - Solution 402										
A	A	B		L	B	B		L	V	V
A	T	B		A	Z	Z		L	V	P
T	T	T		Z	Z	P		L	P	P
Bottom				Middle				Top		

Soma Cube - Solution 403										
B	A	A		P	A	L		P	P	Z
B	T	A		B	B	L		P	Z	Z
T	T	T		V	V	L		V	Z	L
Bottom				Middle				Top		

Soma Cube - Solution 404										
B	B	A		L	B	P		Z	P	P
B	T	A		L	A	A		Z	Z	P
T	T	T		L	V	V		L	Z	V
Bottom				Middle				Top		

Soma Cube - Solution 405										
B	A	A		P	A	V		P	P	V
B	T	A		B	B	V		P	Z	Z
T	T	T		L	L	L		Z	Z	L
Bottom				Middle				Top		

Soma Cube - Solution 406										
B	B	A		V	B	P		V	P	P
B	T	A		V	A	A		Z	Z	P
T	T	T		L	L	L		L	Z	Z
Bottom				Middle				Top		

Soma Cube - Solution 407										
B	B	V		P	B	L		P	P	L
B	T	V		Z	Z	V		P	A	L
T	T	T		A	Z	Z		A	A	L
Bottom				Middle				Top		

Soma Cube - Solution 408										
V	A	A		L	A	P		L	P	P
V	T	A		V	Z	Z		L	B	P
T	T	T		Z	Z	B		L	B	B
Bottom				Middle				Top		

Soma Cube - Solution 409										
B	B	V		Z	B	L		L	L	L
B	T	V		Z	Z	V		P	A	A
T	T	T		P	Z	A		P	P	A
Bottom				Middle				Top		

Soma Cube - Solution 410										
V	A	A		L	A	Z		L	L	L
V	T	A		V	Z	Z		B	B	P
T	T	T		B	Z	P		B	P	P
Bottom				Middle				Top		

Soma Cube - Solution 411										
B	B	Z		A	B	L		A	A	L
B	T	Z		A	V	Z		P	V	L
T	T	T		P	V	Z		P	P	L
Bottom				Middle				Top		

Soma Cube - Solution 412										
Z	A	A		L	A	B		L	B	B
Z	T	A		Z	V	B		L	V	P
T	T	T		Z	V	P		L	P	P
Bottom				Middle				Top		

Soma Cube - Solution 413										
B	B	Z		P	B	L		P	P	L
B	T	Z		A	A	Z		P	V	L
T	T	T		A	V	Z		A	V	L
Bottom				Middle				Top		

Soma Cube - Solution 414										
Z	A	A		L	A	P		L	P	P
Z	T	A		Z	B	B		L	V	P
T	T	T		Z	V	B		L	V	B
Bottom				Middle				Top		

Soma Cube - Solution 415										
B	B	Z		P	B	L		P	P	L
B	T	Z		A	A	Z		P	A	L
T	T	T		V	V	Z		V	A	L
Bottom				Middle				Top		

Soma Cube - Solution 416										
Z	A	A		L	A	P		L	P	P
Z	T	A		Z	B	B		L	B	P
T	T	T		Z	V	V		L	B	V
Bottom				Middle				Top		

Soma Cube - Solution 417										
B	B	Z		P	B	L		P	P	L
B	T	Z		V	V	Z		P	A	L
T	T	T		A	V	Z		A	A	L
Bottom				Middle				Top		

Soma Cube - Solution 418										
Z	A	A		L	A	P		L	P	P
Z	T	A		Z	V	V		L	B	P
T	T	T		Z	V	B		L	B	B
Bottom				Middle				Top		

Soma Cube - Solution 419										
V	A	A		B	A	Z		B	B	L
V	T	A		V	Z	Z		P	B	L
T	T	T		P	Z	L		P	P	L
Bottom				Middle				Top		

Soma Cube - Solution 420										
B	B	V		Z	B	A		L	A	A
B	T	V		Z	Z	V		L	A	P
T	T	T		L	Z	P		L	P	P
Bottom				Middle				Top		

Soma Cube - Solution 421										
V	A	A		L	A	Z		L	L	L
V	T	A		V	B	Z		P	B	Z
T	T	T		P	B	B		P	P	Z
Bottom				Middle				Top		

Soma Cube - Solution 422										
B	B	V		Z	B	L		L	L	L
B	T	V		Z	A	V		Z	A	P
T	T	T		A	A	P		Z	P	P
Bottom				Middle				Top		

Soma Cube - Solution 423										
V	A	A		L	A	Z		L	L	L
V	T	A		V	P	Z		B	B	Z
T	T	T		B	P	P		B	P	Z
Bottom				Middle				Top		

Soma Cube - Solution 424										
B	B	V		Z	B	L		L	L	L
B	T	V		Z	P	V		Z	A	A
T	T	T		P	P	A		Z	P	A
Bottom				Middle				Top		

Soma Cube - Solution 425										
V	A	A		P	A	B		P	P	B
V	T	A		V	Z	Z		P	B	B
T	T	T		Z	Z	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 426										
B	B	V		A	B	P		A	P	P
B	T	V		Z	Z	V		A	A	P
T	T	T		L	Z	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 427										
V	A	A		P	A	L		P	P	Z
V	T	A		V	B	L		P	Z	Z
T	T	T		B	B	L		B	Z	L
Bottom				Middle				Top		

Soma Cube - Solution 428										
B	B	V		L	B	P		Z	P	P
B	T	V		L	A	V		Z	Z	P
T	T	T		L	A	A		L	Z	A
Bottom				Middle				Top		

Soma Cube - Solution 429										
V	B	B		L	L	L		Z	Z	L
V	T	B		V	A	B		P	Z	Z
T	T	T		P	A	A		P	P	A
Bottom				Middle				Top		

Soma Cube - Solution 430										
A	A	V		L	L	L		L	Z	Z
A	T	V		A	B	V		Z	Z	P
T	T	T		B	B	P		B	P	P
Bottom				Middle				Top		

Soma Cube - Solution 431										
V	P	Z		B	P	P		B	B	L
V	T	Z		V	P	Z		A	B	L
T	T	T		A	A	Z		A	L	L
Bottom				Middle				Top		

Soma Cube - Solution 432										
Z	P	V		P	P	A		L	A	A
Z	T	V		Z	P	V		L	A	B
T	T	T		Z	B	B		L	L	B
Bottom				Middle				Top		

Soma Cube - Solution 433										
V	P	Z		L	P	P		L	L	L
V	T	Z		V	P	Z		B	B	A
T	T	T		B	A	Z		B	A	A
Bottom				Middle				Top		

Soma Cube - Solution 434										
Z	P	V		P	P	L		L	L	L
Z	T	V		Z	P	V		B	A	A
T	T	T		Z	B	A		B	B	A
Bottom				Middle				Top		

Soma Cube - Solution 435										
V	V	Z		P	V	L		P	P	L
A	T	Z		A	B	Z		P	B	L
T	T	T		A	A	Z		B	B	L
Bottom				Middle				Top		

Soma Cube - Solution 436										
Z	V	V		L	V	P		L	P	P
Z	T	B		Z	A	B		L	A	P
T	T	T		Z	B	B		L	A	A
Bottom				Middle				Top		

Soma Cube - Solution 437										
V	V	Z		P	V	L		P	P	L
B	T	Z		B	B	Z		P	A	L
T	T	T		A	B	Z		A	A	L
Bottom				Middle				Top		

Soma Cube - Solution 438										
Z	V	V		L	V	P		L	P	P
Z	T	A		Z	A	A		L	B	P
T	T	T		Z	A	B		L	B	B
Bottom				Middle				Top		

Soma Cube - Solution 439										
V	V	Z		P	V	L		L	L	L
P	T	Z		P	P	Z		B	B	A
T	T	T		B	A	Z		B	A	A
Bottom				Middle				Top		

Soma Cube - Solution 440										
Z	V	V		L	V	P		L	L	L
Z	T	P		Z	P	P		B	A	A
T	T	T		Z	B	A		B	B	A
Bottom				Middle				Top		

Soma Cube - Solution 441										
V	Z	Z		Z	Z	L		A	A	L
V	T	B		V	A	B		P	A	L
T	T	T		P	B	B		P	P	L
Bottom				Middle				Top		

Soma Cube - Solution 442										
Z	Z	V		L	Z	Z		L	B	B
A	T	V		A	B	V		L	B	P
T	T	T		A	A	P		L	P	P
Bottom				Middle				Top		

Soma Cube - Solution 443										
Z	A	A		L	A	B		L	B	B
Z	T	A		Z	P	B		L	V	V
T	T	T		Z	P	P		L	P	V
Bottom				Middle				Top		

Soma Cube - Solution 444										
B	B	Z		A	B	L		A	A	L
B	T	Z		A	P	Z		V	V	L
T	T	T		P	P	Z		V	P	L
Bottom				Middle				Top		

Soma Cube - Solution 445										
Z	A	A		L	A	B		L	B	B
Z	T	A		Z	P	B		L	P	P
T	T	T		Z	V	V		L	P	V
Bottom				Middle				Top		

Soma Cube - Solution 446										
B	B	Z		A	B	L		A	A	L
B	T	Z		A	P	Z		P	P	L
T	T	T		V	V	Z		V	P	L
Bottom				Middle				Top		

Soma Cube - Solution 447										
Z	A	A		P	A	B		P	P	L
Z	T	A		Z	B	B		P	B	L
T	T	T		Z	V	L		V	V	L
Bottom				Middle				Top		

Soma Cube - Solution 448										
B	B	Z		A	B	P		L	P	P
B	T	Z		A	A	Z		L	A	P
T	T	T		L	V	Z		L	V	V
Bottom				Middle				Top		

Soma Cube - Solution 449										
Z	A	A		P	A	B		P	P	B
Z	T	A		Z	V	V		P	B	B
T	T	T		Z	V	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 450										
B	B	Z		A	B	P		A	P	P
B	T	Z		V	V	Z		A	A	P
T	T	T		L	V	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 451										
Z	A	A		P	A	L		P	P	L
Z	T	A		Z	B	L		P	B	B
T	T	T		Z	V	L		V	V	B
Bottom				Middle				Top		

Soma Cube - Solution 452										
B	B	Z		L	B	P		L	P	P
B	T	Z		L	A	Z		A	A	P
T	T	T		L	V	Z		A	V	V
Bottom				Middle				Top		

Soma Cube - Solution 453										
Z	A	A		P	A	L		P	P	L
Z	T	A		Z	B	V		P	B	L
T	T	T		Z	V	V		B	B	L
Bottom				Middle				Top		

Soma Cube - Solution 454										
B	B	Z		L	B	P		L	P	P
B	T	Z		V	A	Z		L	A	P
T	T	T		V	V	Z		L	A	A
Bottom				Middle				Top		

Soma Cube - Solution 455										
Z	A	A		P	A	V		P	P	V
Z	T	A		Z	B	V		P	B	L
T	T	T		Z	B	B		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 456										
B	B	Z		V	B	P		V	P	P
B	T	Z		V	A	Z		L	A	P
T	T	T		A	A	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 457										
Z	B	B		A	P	P		A	P	L
Z	T	B		Z	P	B		A	A	L
T	T	T		Z	V	L		V	V	L
Bottom				Middle				Top		

Soma Cube - Solution 458										
A	A	Z		P	P	B		L	P	B
A	T	Z		A	P	Z		L	B	B
T	T	T		L	V	Z		L	V	V
Bottom				Middle				Top		

Soma Cube - Solution 459										
Z	B	B		P	A	A		P	P	L
Z	T	B		Z	A	B		P	A	L
T	T	T		Z	V	L		V	V	L
Bottom				Middle				Top		

Soma Cube - Solution 460										
A	A	Z		B	B	P		L	P	P
A	T	Z		A	B	Z		L	B	P
T	T	T		L	V	Z		L	V	V
Bottom				Middle				Top		

Soma Cube - Solution 461										
Z	B	B		P	A	A		P	P	A
Z	T	B		Z	V	B		P	V	A
T	T	T		Z	V	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 462										
A	A	Z		B	B	P		B	P	P
A	T	Z		A	V	Z		B	V	P
T	T	T		L	V	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 463										
Z	B	B		P	V	V		P	P	V
Z	T	B		Z	A	B		P	A	A
T	T	T		Z	A	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 464										
A	A	Z		V	V	P		V	P	P
A	T	Z		A	B	Z		B	B	P
T	T	T		L	B	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 465										
Z	P	V		L	P	P		L	L	L
Z	T	V		Z	P	V		B	A	A
T	T	T		Z	B	A		B	B	A
Bottom				Middle				Top		

Soma Cube - Solution 466										
V	P	Z		P	P	L		L	L	L
V	T	Z		V	P	Z		B	B	A
T	T	T		B	A	Z		B	A	A
Bottom				Middle				Top		

Soma Cube - Solution 467										
Z	V	V		P	V	B		P	P	B
Z	T	A		Z	A	A		P	B	B
T	T	T		Z	A	L		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 468										
V	V	Z		A	V	P		A	P	P
B	T	Z		B	B	Z		A	A	P
T	T	T		L	B	Z		L	L	L
Bottom				Middle				Top		

Soma Cube - Solution 469										
Z	Z	V		P	Z	Z		P	P	L
A	T	V		A	B	V		P	B	L
T	T	T		A	A	L		B	B	L
Bottom				Middle				Top		

Soma Cube - Solution 470										
V	Z	Z		Z	Z	P		L	P	P
V	T	B		V	A	B		L	A	P
T	T	T		L	B	B		L	A	A
Bottom				Middle				Top		

Soma Cube - Solution 471										
Z	Z	V		L	Z	Z		L	L	L
B	T	V		B	B	V		P	A	A
T	T	T		P	B	A		P	P	A
Bottom				Middle				Top		

Soma Cube - Solution 472										
V	Z	Z		Z	Z	L		L	L	L
V	T	A		V	A	A		B	B	P
T	T	T		B	A	P		B	P	P
Bottom				Middle				Top		

Soma Cube - Solution 473										
Z	Z	V		P	Z	Z		P	P	L
B	T	V		B	B	V		P	A	L
T	T	T		A	B	L		A	A	L
Bottom				Middle				Top		

Soma Cube - Solution 474										
V	Z	Z		Z	Z	P		L	P	P
V	T	A		V	A	A		L	B	P
T	T	T		L	A	B		L	B	B
Bottom				Middle				Top		

Soma Cube - Solution 475										
Z	Z	V		L	Z	Z		L	L	L
P	T	V		P	P	V		B	A	A
T	T	T		P	B	A		B	B	A
Bottom				Middle				Top		

Soma Cube - Solution 476										
V	Z	Z		Z	Z	L		L	L	L
V	T	P		V	P	P		B	B	A
T	T	T		B	A	P		B	A	A
Bottom				Middle				Top		

Soma Cube - Solution 477										
Z	Z	V		P	Z	Z		L	L	L
P	T	V		P	P	V		A	B	L
T	T	T		A	A	B		A	B	B
Bottom				Middle				Top		

Soma Cube - Solution 478										
V	Z	Z		Z	Z	P		L	L	L
V	T	P		V	P	P		L	A	B
T	T	T		A	B	B		A	A	B
Bottom				Middle				Top		

Soma Cube - Solution 479										
Z	Z	V		P	Z	Z		L	L	L
P	T	V		P	P	V		L	A	B
T	T	T		A	B	B		A	A	B
Bottom				Middle				Top		

Soma Cube - Solution 480										
V	Z	Z		Z	Z	P		L	L	L
V	T	P		V	P	P		A	B	L
T	T	T		A	A	B		A	B	B
Bottom				Middle				Top		