1, 1, 1

TOP

1, 1, 1 = top
1, 0, 1 = bottom
0, 0, 1 = back bottom
0, 1, 1 = back top

Bottom

1, 1, 1 = bottom
1, 2, 1 = top
0, 2, 1 = back top
0, 1, 1 = back bottom

Left

1, 1, 1 = Left
0, 1, 1 = right
0, 1, 0 = back right
1, 1, 0 = back left

Right

1, 1, 1 = Right
2, 1, 1 = Left
2, 1, 0 = back left
1, 1, 0 = back right

Top Right

1, 1, 1 = Top Right
1, 0, 1 = Bottom right
2, 0, 1 = Bottom left
2, 1, 1 = Top left

Top left

1, 1, 1 = top left
1, 0, 1 = bottom left
0, 0, 1 = bottom right2
0, 1, 1 = top right

Bottom Right

1, 1, 1 = bottom right2
1, 2, 1 = top right
2, 2, 1 = top left
2, 1, 1 = bottom left

Bottom left

1, 1, 1 = bottom left
1, 2, 1 = top left
0, 2, 1 = top right
0, 1, 1 = bottom right

Back top

1, 1, 1 = back top
1, 1, 2 = top
1, 2, 2 = bottom
1, 1, 2 = back bottom

Back right

1, 1, 1 = back right
1, 1, 2 = right
2, 1, 2 = left
2, 1, 1 = back left

Back bottom

1, 1, 1 = back bottom
1, 2, 1 = back top
1, 2, 2 = top
1, 1, 2 = bottom

Back left

1, 1, 1 = back left

0, 1, 1 = back right

0, 1, 2 = right

1, 1, 2 = left