

If we take the cube pictured above and divide it into individual X-Y layers, we will get these planes:

1	2	3	10		11		16		21	22	23
4		5				17	18	19	24		
6			12	13	14				25		
7	8	9	15			20			26		

Clues:

X Direction

- 1 Average of X25 and X26
- 4 Last two digits are the same as last two digits of Z5
- 7 Last two digits are the same as last two digits of X26
- 12 Twelve times a prime number
- 15 Last two digits are the same as last two digits of X20
- 17 Seven times Z1
- 20 X21 plus X25
- 21 Digits are the same as first three digits of Y23
- 24 Last two digits are the same as Y3
- 25 Last two digits are the same as Z1
- 26 Eight times a prime number

Y Direction

- 1 Z5 minus X1
- 2 Digits are the same as last two digits of Y11
- 3 Same as Z3
- 10 Fifteen times a prime number
- 11 First three digits are the same as first three digits of Z5
- 13 Is a prime number
- 16 Is a prime number
- 17 Last two digits are the same as last two digits of Y21
- 19 First two digits are the same as first two digits of Z14
- 21 Z1 plus Z9
- 22 Seventy-nine times Y2
- 23 Eighty-six times Z1

Z Direction

- 1 Digits are in consecutive descending order
- 3 Digits are the same as last two digits of X24
- 4 Sixty-nine times a prime number
- 5 Seventy-four times a prime number
- 6 Second, third, and fourth digits are the same
- 7 Last two digits are the same as Y2
- 8 Twenty-four times Y2
- 9 Second and third digits are the same
- 14 Last two digits are the same as last two digits of X21
- 16 Digits are the same as first two digits of X21
- 18 Is a prime number

Solution is on next page

Solution:

5	8	9
9	8	6
9		
7	2	4

4		6
0		5
3	4	8
5	1	8

	4	
3	7	8
3		6
8	1	8

4	6	4
9	9	6
3	5	4
8	2	4