

MAGIC SQUARE

<http://suratiundhiyu.wordpress.com/>



Albrecht Dürer

And his magic square



On the wall to the right hangs the magic square Dürer created.



It looks like this.

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

**And what is the magic?
It is the number 34!**

**This number is the sum of the
various fields within the magic
square.**

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

The sum of all rows is 34!

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

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The sum of all columns is 34!

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

The sum of all corners is 34!

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

**Move the fields one step clockwise
and it is still 34!**

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

Move the fields another step and it is still 34!

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

The sum of the fields in the center is 34!

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

$$5 + 9 + 8 + 12 = 34$$

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

$$3 + 2 + 15 + 14 = 34$$

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

The same is true for the diagonals...

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

Sum of the colored ones: 34!

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

Sum of the colored ones: 34!

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

Sum of the colored ones: 34!

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

And so on: 34!

16	3	2	13
5	10	11	8
9	6	7	12
4	15	14	1

Dürer created this square in 1514. "D" for Dürer is the 4th letter of the alphabet and "A" for Albrecht is the 1st!



Genius!

... He was very proud for creating this magic square – and he should be!



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