



Neurological Nasties

LV

www.mathxtc.com



- MathXTC Magic Cards: Cut out these cards to use on your friends. Ask someone to pick a number from 1 to 30 and then tell you which cards their number is on. It is possible to determine their secret number by quickly glancing at the cards that their number is on. How does it work? Is it really magic?

1	3	5	7	9
11	13	15	17	19
21	23	25	27	29

4	5	6	7	12
13	14	15	20	21
22	23	28	29	30

16	17	18	19	20
21	22	23	24	25
26	27	28	29	30

8	9	10	11	12
13	14	15	24	25
26	27	28	29	30

2	3	6	7	10
11	14	15	18	19
22	23	26	27	30

- Why do these Magic Cards work?
- Design your own set of magic cards for the numbers 1 to 63.