

# MathFLIX CHALLENGE

## Magic Cards

To perform this magic trick, cut out the cards below. Then ask a friend to think of a secret number between 1 and 31. Lay the cards out and ask your friends to turn over any cards without that number. On the remaining cards, add the number in the top left corner of each card - the sum is your friend's secret number!

1	3	5	7
9	11	13	15
17	19	21	23
25	27	29	31

**A**

2	3	6	7
10	11	14	15
18	19	22	23
26	27	30	31

**B**

4	5	6	7
12	13	14	15
20	21	22	23
28	29	30	31

**C**

8	9	10	11
12	13	14	15
24	25	26	27
28	29	30	31

**D**

16	17	18	19
20	21	22	23
24	25	26	27
28	29	30	31

**E**