

# **GUESS YOUR FRIEND'S BIRTHDAY** **(binary arithmetic)**

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## **INSTRUCTIONS**

Step 1: Ask your friend to look at the five cards shown on the other side: A, B, C, D, and E.

Step 2: Ask which cards contain the day of the month he or she was born.

Step 3: For each card chosen, add together the number in the upper left-hand corner

Step 4: That's the day of the month of your friend was born on.

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

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

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

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

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

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