

1

Instructions

Cut this piece off each page before starting, and fold down the large green numbers at the top of each card. Ask the spectator to think of a number up to 26 and show each card in turn and ask them which cards their number appears on. Add together the tiny red number written at the top of each card where they spot their number (it will only be a 1,3 or 9)- the total will give you their number.

*To teach about base 3, fold the green numbers back up. Stack all the 'yes' cards onto the base 3 card. This will reveal their number in base 3. Make sure that if they say 'yes' to **both** 9s (or 3s or 1s) you must put down the '2' card on top of the '1' card (i.e. lay the '1' card down first) to make it work. Enjoy!*

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9	10	11	12	13	14
15	16	17	18	19	20
21	22	23	24	25	26

2

Cut out and discard this piece

18

19

20

21

22

23

24

25

26

Cut out and discard this piece

3

1

Cut out and discard this piece

3

4

5

6

7

8

12

13

14

15

16

17

21

22

23

24

25

26

Cut out and discard this piece

3

2

Cut out and discard this piece

6

7

8

15

16

17

24

25

26

Cut out and discard this piece

1

1	2	4	5	7	8
10	11	13	14	16	17
19	20	22	23	25	26

Cut out and discard this piece

2

	2	5	8		
	11	14	17		
	20	23	26		

9

3

1

0

0

This is the base 3 card. Place all the cards on which your number appears here to see your number written in base 3. Leave the red numbers showing as column headings. Make sure any cards with a green '2' are not covered by a '1' (see instructions on page 1.)