



Number Games



• Guess my number

Think of a number and say what it is between (e.g. 0-50). Then the child can ask questions to work out what it is— e.g. is it odd? Is it greater than...? How many questions does it take to identify the number?

• Guess my number (decimals)

Choose a number between 0 and 1 with one decimal place, e.g. 0.6.

Challenge your child to ask you questions to guess your number. You may only answer 'Yes' or 'No'. For example, he could ask questions like 'Is it less than a half?'

See if he can guess your number in fewer than 5 questions.

Now let your child choose a mystery number for you to guess.

Extend the game by choosing a number with one decimal place between 1 and 10, e.g. 3.6. You may need more questions!

• What are the coins?

I have 3 coins in my pocket that total 8p what are they? I have 23p— what is the fewest/greatest number of coins I could have? Etc

• Cunning Calculations

Ask your child to say a number, e.g. 43.

Secretly do something to it (e.g. add 30). Say the answer, e.g. 73.

The child then says another number to you, e.g. 61.

Do the same to that number and say the answer.

The child has to guess what you are doing to the number!

Then they can have a turn at secretly adding or subtracting something to each number that you say to them.

• Cupboard maths

Ask your child to look at the weights printed on jars, tins and packets in the food cupboard, e.g. tinned tuna 185g

Choose six items. Ask your child to put them in order. Is the largest item the heaviest?



• Number are everywhere!

How many different numbers can you find in one room of your house in a set period of time?

Write them all down.

You could then order them from smallest to biggest, list any multiple of 10/5 you have found, sort them into odd and even, find the difference between the smallest and biggest, add them all and find the overall total etc

• Phone Number Maths

Look at your phone number. What is the total?

Whose phone number in your is worth the most?

Which phone numbers are multiples of 3? (add all of the digits—if the answer is a multiple of 3 then that number will be

For example 546 674 $5 + 4 + 6 + 6 + 7 + 4 = 32$

32 is not a multiple of 3 so 546 674 won't be)

Look in the phone book (if you still have one!!) and see if you can find any phone numbers that equal exactly 100

• Four in a line

Draw a 6 x 7 grid.

Fill it with numbers under 100

Take turns.

Roll three dice, or roll one dice three times.

Use all three numbers to make a number on the grid.

You can add, subtract, multiply or divide the numbers,

e.g. if you roll 3, 4 and 5, you could make $3 \times 4 - 5 = 7$,

$54 \div 3 = 18$, $(4 + 5) \times 3 = 27$, and so on.

Cover the number you make with a coin or counter.

The first to get four of their counters in a straight line wins.

26	54	47	21	19	5	38
9	25	67	56	31	49	13
39	41	6	1	75	28	90
14	50	81	23	43	4	37
45	29	72	34	7	58	17
36	2	55	11	22	40	42

