

#### Secret sums

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

Secretly do something to it (e.g. add 30). And 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 each time!

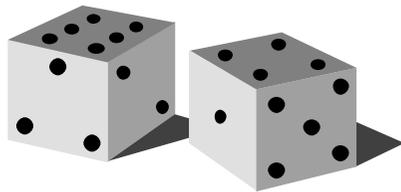
Then they can have a turn at secretly adding or subtracting something to each number that you say to them.

#### Number games

Roll two dice to make two-digit numbers, e.g. if you roll a 6 and 4, this could be 64 or 46. (If you haven't got two dice, roll one dice twice.)

Ask your child to do one or more of the activities below.

- Count on or back from each number in tens.
- Add 19 to each number in their head. (A quick way is to add 20 then take away 1.)
- Subtract 9 from each number. (A quick way is to take away 10 then add back one.)
- Double each number



#### Fractions

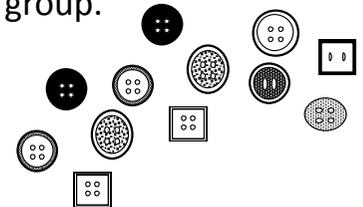
Use 12 buttons/paper clips/dried beans/buttons

Ask your child to find **half** of the 12 things.

Now find one **quarter** of the same group.

Find one **third** of the whole group.

Repeat with other numbers.



#### Can you tell the time?

Whenever possible, ask your child to tell you the time to the nearest 5 minutes. Use a clock with hands as well as a digital watch/clock.

Also ask:

What time will it be one hour from now?

What time was it one hour ago?

Time your child doing various tasks,

e.g.

- getting ready for school;
- tidying a bedroom;
- saying the 5 times, 10 times or 2 times table...

Ask your child to guess in advance how long they think an activity will take. Can they beat their time when they repeat it?

## Top Trumps

Top Trumps cards are brilliant for putting numbers into the correct order, rounding numbers; and often use measures and numbers larger than 100.

Ask: Which the best card is in a pack? Why is it the best?

“That was a close one. Your card beat mine that time. How much by?”



## 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

tinned tomatoes 400g

jam 454g

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

## Bean race

You need two dice and a pile of dried beans.

Take turns to roll the two dice.

Multiply the two numbers and call out the answer.

If you are right, you win a bean.

The first to get 10 beans wins.

## Cooking

This is a very successful way to teach children to read scales and gives Maths a real purpose (and often a tasty product). Crack out those recipe books and have a go!! Cooking trays are also a useful tool for showing multiplication and division facts.

## Bingo!

One person has the 2x table and the other has the 5x table. Write six numbers in that table on your piece of paper, e.g.

4    8    10    16    18    20

Roll one or two dice. If you choose to roll two dice, add the numbers, e.g. roll two dice, get 3 and 4, add these to make 7.

Multiply that number by 2 or by 5 (that is, by your table number, e.g.  $7 \times 2$  or  $7 \times 5$ ).

If the answer is on your paper, cross it out.

The first to cross out all six of their numbers wins.

## Guess my number

Choose a car number you can see, e.g. 592.



Add 10 to the number in your head. Say the answer aloud.

Can your child guess which car you were looking at? If so they can have a turn next.