

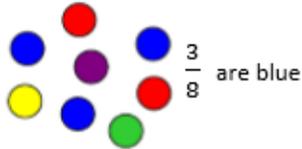
Adding and subtracting 2 and 3 digit numbers

Use a dice or playing cards to generate 2- and 3- digit number calculations, e.g. $343-28=?$ How many different ways can you find to work out the answer to your calculation? Try column, Base 10, partitioning... Show off how many methods you know!



Find fractions of a set of objects

Use a group of objects that come in different colours, like Lego bricks, counters or Skittles. Grab a random handful and find what fraction is each colour.



Understand division as sharing and grouping

Have a family buffet or picnic. Equally divide the food between your group and record the fractions of each food that each person receives. How does the fraction change if one person doesn't like something?



Add and subtract mass, volume and capacity

Imagine you're going on holiday... Your bag can only weigh:
a) 500g
b) 1kg
c) 1500g

Weigh some items that you would like to take on your holiday and see what you can pack and what you'll have to leave behind! Can you find different combinations of things to pack?



Times-Tables Games (3s, 4s and 8s)

Times-tables knowledge relies on repetition and rehearsal, but it definitely isn't boring! There are lots of games on websites like *Topmarks* to help practise times-tables in a fun way. Try these:

<https://www.topmarks.co.uk/times-tables/coconut-multiples>

<https://www.topmarks.co.uk/maths-games/hit-the-button>

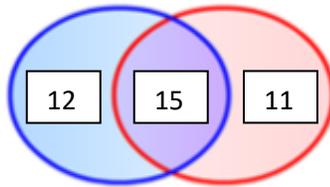
<http://www.mad4maths.com/4xmultiplication-table-math-game/>

Please refer to the booklet on our website, *How To Learn Times-Tables*, which is full of different ideas to help you.

Sorting numbers

Use digit cards or post-it notes with 2-digit numbers on. How many different ways can you sort your set of numbers?

Example:



multiple of 3

odd

Number bonds to 100

Knowing number bonds to 100 is very useful and makes lots of calculations a lot easier!
Example, $70+30$, $40+60$, $27+63$, $41+59$...

Suggestion 1: Make bonds to 100 number cards and play snap or matching games with them.

Suggestion 2: Become a starship pilot and use your bonds to 100 knowledge to complete your mission!

<http://www.ictgames.com/numberFactFighter/onlineVersion/index.html>

Statistics - Pictograms and Bar Charts

Pictograms and bar charts can be created to represent lots of different data. You could record:

- Colours of Smarties in a tube
- Car colours you pass on a car journey
- Family's favourite films or food

Try making your own chart

