

Covid-19 Update 30th April 2020

Last weeks content has been moved to the home learning page in the form of a pdf download with weblinks. Check out all the previous content.

While you are on this site, check out the problem solving and reasoning page by clicking [here](#). There are lots of problems and puzzles to solve.

The Dice, dominoes and digit cards page has lots of hands on maths ideas. Click [here](#) to visit the page.

Here are some more games, activities and problem solving to keep your 5 – 11 year olds busy as we make a start to the summer term. The next update will be on or after May 7th 2020.

Click on the activity or game images to take you to the file online.

Addition to 20

Another favourite activity of mine. Ideally suited to Year 2 and Year 3. You will need a whole pack of cards (Ace to 10) and have to find cards that total 20.



Add three cards

This is a favourite activity of mine. I use it a lot when working with individuals and sometimes as class. An ideal activity for Year 2 and above. Mentally adding three or more cards together



Multiplication Practice

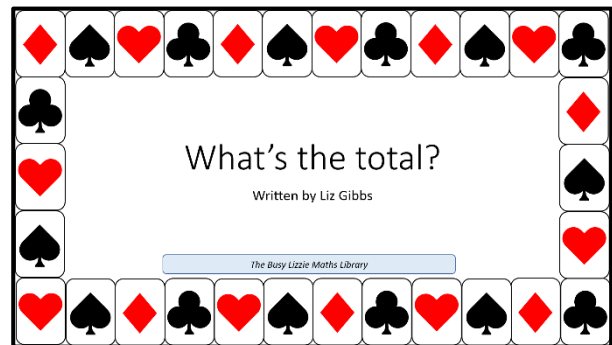
This is ideally an activity for a child or a child with an adult. Use the shuffled pack of cards to generate two numbers which need to be multiplied quickly. If the child can recall the



product or answer correctly, they can keep the cards.

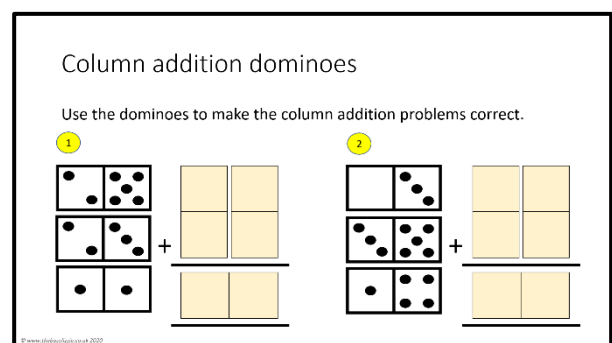
What's the total

A game for two players using a set of cards. Before turning over two cards, the players have to best guess what the total might be. The one who guesses correctly or is the closest wins the cards.



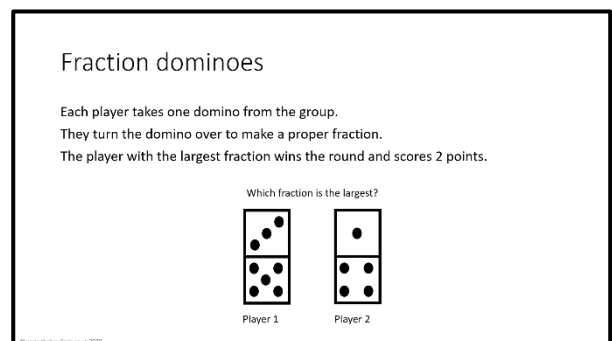
Column addition dominoes

Suitable for KS 1 children if they are familiar with column addition. Can you use the dominoes to make the column addition problem correct?



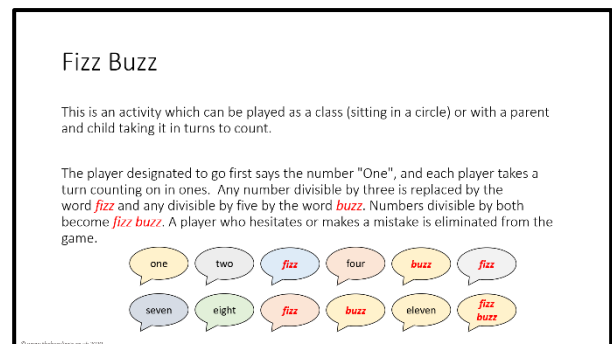
Fraction dominoes

An activity for pairs of children. Turn over two dominoes. The one who has the largest fraction wins 2 points.



Fizz Buzz

This is a popular counting game in schools. Decide the rules and see how far you can count before you make a mistake.



Can you make

Can you find pairs of numbers that total 10.1?

Can you total one column?

What is the sum of all the corners?

More ideas are in the file.

3.6	1.4	6.3	5.2	2.8	1.6
4.9	8.8	5.9	6.5	4.7	7.9
2.2	1.5	8.5	3.8	8.6	5.4
5.5	8.7	4.6	4.2	1.3	7.3

Four dice make 50

Using just four dice and any or all four operations, can you make a target number of 50? Use brackets.

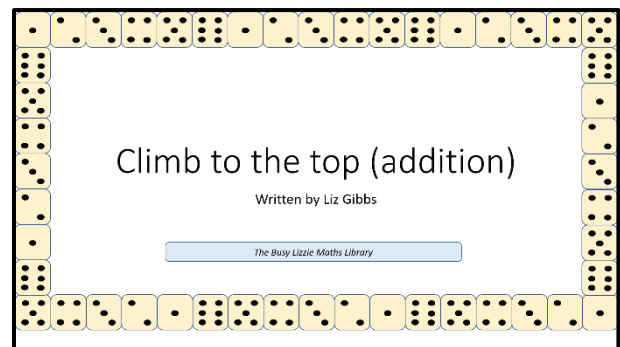
Ideal for upper KS 2.



Climb to the top (addition)

Suitable for Year 2 and above. Generate four starting numbers to make an addition pyramid.

The player with the largest score wins that round.



Use only cards 4, 5, 6 and 7.

Using these four consecutive numbers. Can you make the required total?

There are several totals to make.

1 Use only cards 4, 5, 6 and 7

Using only these digit cards **4 5 6 7**

Can you place the digit cards in the correct place to make the equation correct?

$$(\square \times \square) - (\square \times \square) = 11$$

Jumpers

This is a KS 1 logic puzzle.

Follow the clues.


Can you work out which colour goes where?

Jumpers

Henry has 4 jumpers. He keeps them in a neat pile.

- The yellow one is below the blue one.
- The red one is above the blue one.
- The green one is below the yellow one.

Which jumper is at the bottom of the pile?
Can you list the order from the bottom to the top?



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Squares

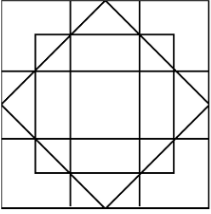
Here is a puzzle with squares within squares.

Can you find them all?

How many are there altogether?

Squares

Here is a picture of a square.
It is made up of lots of squares.
Look carefully.
How many squares can you see?



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Number square

This puzzle is suitable for KS 1.

Using the clues can you work out what the largest number would be on this square?

Can you explain your thinking?

Number square

1	2	3	4	5
6	7	8	9	
11	12	13		
16	17			
21				

Here is a number square.
The corner of the number square has been torn off and lost.
Can you work out what was the largest number on the square?
How did you work your answer out? Can you explain your thinking to a friend?

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Three cats


This is another favourite logic problem.

Read the clues and try to work out how old each cat is.

Three cats

Evie has 3 cats.
Each cat is a different age.
The total age of the first and third cat is 5.
The total age of the second and third cat is 8.
The total age of all three cats is 11.

How old is each cat?



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Number triangles

Suitable for upper KS 2. Can you work out what number goes in the top of the last triangle? What is the rule?

Number triangles

Look at this diagram below.

Can you work out the missing number?

Use the other triangles to help you.

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Websites & publications (updated 30th April 2020)

New this week

[Study Smart](#) Free online times tables

[We are teachers](#) Ideas for using manipulatives in the classroom

[The Oak National Academy](#) The new government-backed home learning tool

[Spot on with Number](#) Hungarian 10 blocks and ideas

[Maths bot](#) An online tool for teachers and parents. Scroll down for primary manipulatives

[22 fun ways to teach multiplication](#) Online page of ideas for teachers and parents.

Websites

[Government page](#) Covid-19 web page containing weblinks to primary and secondary educational websites.

[BBC bitesize](#) complete BBC maths listing

[STEM](#) resource packages for teachers

[Maths Association](#) Primary maths challenge. Download past challenges from [here](#)

[National Numeracy](#) Pdf sheets of mathematical activities for children aged 5 – 11

[ATM \(Association of Teachers of Mathematics\)](#) There are some activities and publications free to download, a majority of this is for older children upper KS 2, KS 3 and GCSE.

[NRICH](#) A problem solving website for all ages

[NRICH](#) specifically for EYFS

[Maths on Toast](#) Teachers page

[Maths on Toast](#) Parents page

[Numicon](#) A New Zealand site with resources and downloads

[Cool Math](#) online maths dictionary

[Maths is Fun](#) online maths dictionary

[A Maths Dictionary for Kids](#) online maths dictionary

[Maths Mastery](#) Primary maths and English resources

[White Rose \(Mastery\)](#) Year group specific free resources.

[Maths with parents](#)

[Maths Life](#) Maths without a worksheet ideas

[Sumdog](#) Free access to maths, spelling and grammar

[No pressure maths](#) Downloads available

[7 Puzzle](#) blog the website linked to the above Twitter account

[Rising Stars](#) book company. Some free activities online

[Primary Games Arena](#) Online maths games

[Parallel](#) A site for 10 to 15 year olds

[Yohaku](#) Yohaku puzzles are short number puzzles available via Twitter @yohakupuzzle

[Oxford Owl at home](#) Publishers of reading and maths schemes

[Pearson](#) Publishing house of educational materials

[First for maths](#)

[Collins](#) Collins have opened a webpage of ideas from their old Belair publications.

[Propeller](#) A (Suffolk) local publishers, who publish fantastic resources.

[Zeno maths](#) An American home schooling website with some useful downloads and ideas.

[Messy maths](#) Lots of ideas and inspiration for teaching young children.

[10 Family Card Games That Support Early Math Skills](#) Card games are an inexpensive way to enjoy family fun while also building math skills—all you need is a deck of playing cards!

[Math at Your Fingertips!](#) Easy Counting Activities Using Number Gestures

[Origami and Paper Wizards:](#) Fold Some Math into Your Day! These activities can be done with whatever paper is available—scrap paper, newspapers, or magazine pages would work.

[Easy Recipes That Will Get Your Family Talking About Math](#) Four recipes that children can help make along with tips for talking about math while cooking together.

[Math Talk: Measurement at Home](#) Everyday ways to talk about units and measurement, you can help support children's developing mathematical understanding.

Twitter

Anna Williams [@AWillia49259812](#) Mini Maths ideas and video.