



Cooking chit chat

Why not help your parents or carers with their meal prep?
Cooking can be fun and you can learn to work with a range of formulae!

Roasting a chicken

Fan ovens 180° / Gas mark 6

45 minutes per kilogram + 20 minutes

Roasting beef

Fan ovens 160° / Gas mark 4

Medium rare: 20 minutes per 500 grams

Medium: 25 minutes per 500 grams

Well done: 30 minutes per 500 grams

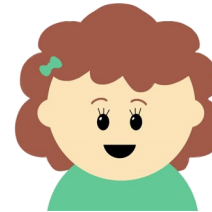
Roasting pork

First 30 mins – Fan ovens 200° / Gas mark 7 After 30 mins – Fan ovens 160° / Gas mark 4

35 minutes per 500 grams + 35 minutes

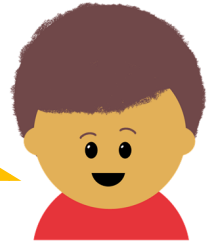


Let's do this!



Look at the meat you have at home.
How long will you need to roast it for?

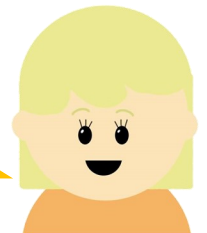
How does roasting a kilogram of each different
meat compare?



Challenge

Jane is roasting some meat. What is it and how many grams is the joint?
Is there more than one possibility?

The meat I have has to be roasted for 2 hours
and 20 minutes.





Sudoku

In Sudoku puzzles, the challenge is simple: there are two rules.

Rule number 1

Each row or column must contain the numbers 1-9.

Rule number 2

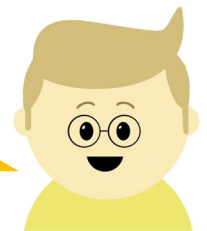
Each of the nine squares must also contain the numbers 1-9.

2	1	9	4	6	5	3	7	8
6	7	3	8	9	2	5	1	4
4	8	5	7	1	3	6	9	2
9	5	4	1	2	8	7	3	6
7	2	1	5	3	6	8	4	9
3	6	8	9	4	7	2	5	1
8	9	6	3	5	1	4	2	7
1	3	2	6	7	4	9	8	5
5	4	7	2	8	9	1	6	3

Let's do this!

	4		7	6	2			
							8	6
	9	1					7	
	8	7		1	3			
4			2	5	9			8
			8	4		6	5	
	3					5	6	
7	1							
			9	8	6		3	

Where do you have to start? Why?





Spot the mistake!

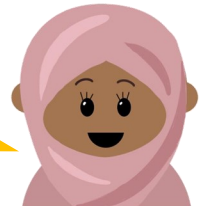
7	1	3	6	8	4	2	5	9
8	6	5	7	2	9	4	1	3
2	4	9	5	1	3	6	8	7
1	7	8	4	6	2	9	3	5
9	2	4	3	5	8	7	6	1
3	5	6	1	9	7	8	4	2
6	9	2	8	3	5	1	7	4
5	8	7	2	4	1	3	9	6
4	3	1	9	7	6	5	2	8

Create your own!



Study this completed Sudoku puzzle.
Can you spot and explain the mistake?

Make a Sudoku puzzle for someone to solve.
Do you have to use squares and a 9 by 9 grid?





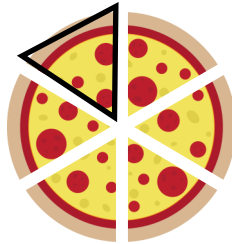
Slice divide

Most people LOVE pizza...

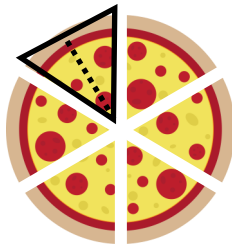
so why not have fun with fractions when you eat your next one?

Here's an example of how you can learn to divide fractions with your food!

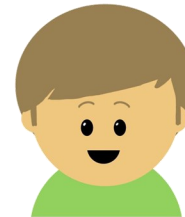
This pizza has been cut into 6 equal parts. It has been cut into sixths.



If you divide one slice (one sixth) by two, you will have a slice that is one twelfth.

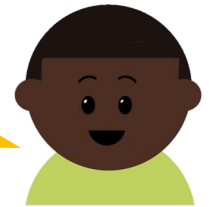


Let's do this!

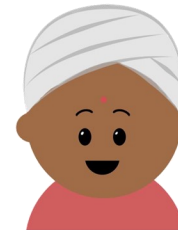


Explore cutting pizzas into half, thirds, quarters, fifths and sixths before dividing.

Investigate what happens when you divide your initial slices by 2, 3 or 4.



What is the smallest fraction you can make by dividing a slice by a whole number?



Can you divide different shaped foods in a similar way?

