

## Maths Chilli Challenge



Look at the challenges below, choose a level of chilli you want to start with. If you feel confident, have a go at the next set of questions.



### Mild

$$245 - 213 =$$

$$658 - 324 =$$

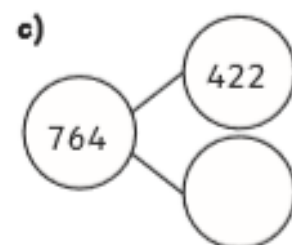
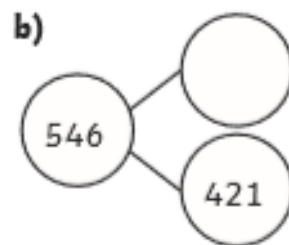
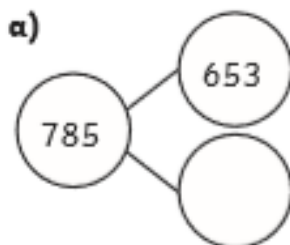
$$963 - 332 =$$

$$577 - 315 =$$

$$689 - 318 =$$



### Medium





### Hot

Rubia and Barney are working out the answer to this word problem.

There were 658 grams of pasta in a jar. Barney used 436 grams in his pasta bake. How much pasta is left in the jar?

Look at their methods. Explain any mistakes each child has made.

Rubia	Barney																
	<table border="1" style="margin: auto;"> <tr><td></td><td>6</td><td>5</td><td>8</td></tr> <tr><td>-</td><td>4</td><td>3</td><td>6</td></tr> <tr><td colspan="4" style="border-top: 1px solid black;"></td></tr> <tr><td></td><td>2</td><td>8</td><td>2</td></tr> </table>		6	5	8	-	4	3	6						2	8	2
	6	5	8														
-	4	3	6														
	2	8	2														



### Spicy

Boris starts off with the number that is represented by the base ten below. He subtracts one hundred, some tens and some ones. He does not use exchanging at all.

Hundreds	Tens	Ones

How many different calculations can he make? Think about how you could work through this systematically and sensibly, to make sure you do not miss out any of the possibilities. One has been done for you.

254 - 143