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 = 32

658 - 324 = 334
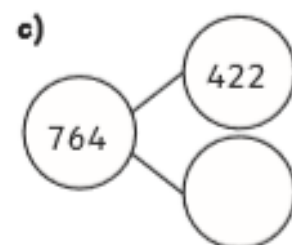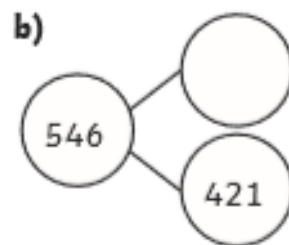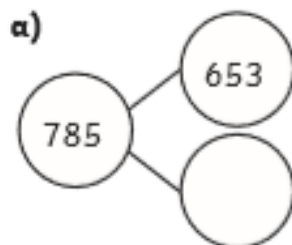
963 - 332 = 631

577 - 315 = 262

689 - 318 = 371

 Medium

a)

653

785

b)

546

421

c)

422

764

a) 132   b) 125   c) 342

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

Barney did 5 + 3 instead of 5 – 3. Rubia started off with 568 instead of 658. She did not have the correct amount of dines to begin with.

🌶️ **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   254 – 132   254 – 121   254 – 111   254 – 131   254 - 141