

## 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 (one exchange)

$$3356 + 2435 = 5791$$

$$4354 + 3347 = 7701$$

$$5426 + 4465 = 9891$$

$$6537 + 3457 = 9994$$

$$7626 + 2368 = 9994$$



### Medium (two exchanges)

$$3856 + 2345 = 6201$$

$$3756 + 2437 = 6193$$

$$3656 + 2473 = 6129$$

$$3756 + 2743 = 6499$$

$$3956 + 2347 = 6303$$



### Hot

Use the < > or = sign to make these statements correct. Some of the calculations have one exchange, some of them have two. You must calculate the answer first!

$$3456 + 1789 = 5245 \quad 1819 + 2836 = 9900$$

$$2829 + 1901 = 4730 \quad 2312 + 2418 = 4730$$

$$7542 + 1878 = 9420 \quad 1996 + 8496 = 10492$$

$$7818 + 1999 = 9817 \quad 4110 + 1707 = 5817$$



### Spicy

Use the column method with an exchange to find the missing digits!

What is the missing 4-digit number?

	Th	H	T	O
	—	—	—	—
+	6	3	9	5
	8	9	4	9

2,554

