Addition and Subtraction Maths Mastery

Challenge Cards

1. Fill in the missing digits.

1		5		+	7	0	0	= 1959
5		2	8	−	4	4	0	= 4788
	1		2	+	6			= 200

2. Use your maths skills to explain which of these signs should go in the boxes.

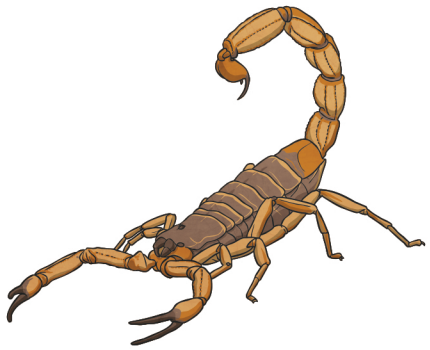
≥ ≤ =

2416 + 15 + 15 ☐ 2416 + 30

1904 − 904 ☐ 1914 − 924

2146 − 39 + 42 ☐ 2134 − 49 + 21

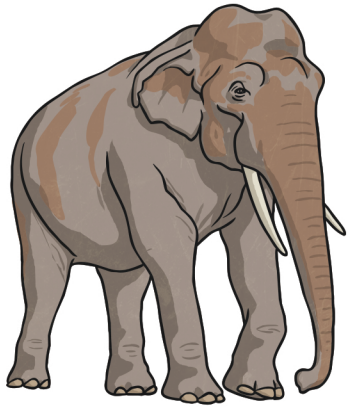
3. Use the digits 1 to 9 (once only) to make three 3-digit numbers. Your mission is to make the total as close to 1500 as you can.



	☐	☐	☐
	☐	☐	☐
+	☐	☐	☐
	☐	☐	☐	☐

4. Using these numbers in any order: 2,3,4 What is the largest answer you can get by adding them together?

Example: 24 + 3 = 27



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5. Choose four negative consecutive numbers between −1 and −10. Place a − and/or a + sign between each one, and add them together.

What do you notice about the answers?

Example: -7 + -6 + -5 + -4 =

Try different negative consecutive numbers.

Can you predict the answers?

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How old is Grandad?

Sally asked her Grandad how old he was.
This was his answer:

"I have 6 children, and there are 4 years between each child. I had my first child when I was 21. Now the youngest one is 21 himself. Can you work out my age?"

How old is Sally's Grandad?

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7. Choose four digits. Put one digit in each box. Read the new two-digit numbers they make. Add all the four, 2-digit number together and see if they make 100.

2	6
4	8

26 + 24 + 48 + 68 = 166

Can you work your magic to show how the 4 2-digit numbers were created – reading left to right 26, 48 and up to down 24, 68?

Can you make 100 using your choice of digits?
Find four different digits that result in a total of 100.

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