

Addition and Subtraction

Maths Mastery

Challenge Cards



Maths Mastery Addition and Subtraction Challenge Cards

1. Fill in the missing digits.

$$\begin{array}{ccccccccc} 1 & \square & 5 & \square & + & 7 & 0 & 0 & = & 1959 \\ 5 & \square & 2 & 8 & - & 4 & 4 & 0 & = & 4788 \\ 1 & \square & 2 & + & 6 & \square & = & 200 \end{array}$$

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



$$2416 + 15 + 15 \quad \square \quad 2416 + 30$$

$$1904 - 904 \quad \square \quad 1914 - 924$$

$$2146 - 39 + 42 \quad \square \quad 2134 - 49 + 21$$

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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.

$$\begin{array}{ccc} \square & \square & \square \\ \square & \square & \square \\ + & \square & \square & \square \\ \hline \square & \square & \square & \square \\ \hline \end{array}$$

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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. 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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6. Choose four digits. Put one digit in each box. Read the new two-digit numbers they make. Add all the four, 2-digit numbers 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.