

Maths Homework: Addition Methods

This week, you will practise adding using different methods. Make sure you use the method you've been asked to for each question. You will need to show your thinking or method. Remember if you need any help, or want to complete this at school, homework club is available on Monday lunch time. This homework should not take longer than 30 minutes. If you have been working for 30 minutes - please stop. We do not expect you to spend any longer on a piece of Maths homework.

A. Formal column addition

For these questions, use your perfect formal column addition methods that we practised this week. Make sure your columns are lined up perfectly, you have included your calculation symbols and don't forget your commas.

- 1.) $4,786 + 3,657$
- 2.) $28,459 + 16,783$
- 3.) $307,846 + 185,975$
- 4.) $2,648,735 + 1,783,596$

B. Redistribution method

This week we looked at how we can move an amount from one addend and give it to another - to make the calculation easier. For each of these questions, look at the numbers closely - what nice 'easy' numbers are they close to? Make sure you lay your method out like we have practised at school.

- 5.) $298 + 456$
- 6.) $1,996 + 735$
- 7.) $3,485 + 999$
- 8.) $4,000,003 + 685,494$

C. Other mental methods

Use a mental method of your choice. You may use jottings. Write a few words or a calculation to show how you worked it out.

- 9.) $640 + 280$
- 10.) $2,350 + 1,700$
- 11.) $390 + 390$
- 12.) $475 + 250 + 25$

Challenge: Choose your method

CHALLENGE.) $4,998 + 2,675$

Which method would you choose? Solve it and explain why your method is efficient.