

Addition and Subtraction

In-depth Investigation

'Triple Trouble'

Write any addition of three 4-digit numbers where the answer is between 28,550 and 28,650.

Can you find solutions:

- that use all digits 0 to 9 at least once;
- where no digit 0 to 9 is used more than twice;
- that use the same number three times...?

What is your strategy for getting into the problem?

Are you using any number patterns to help?

Can you write an explanation of what you did?