MEI
Mathematics Education Innovation

2020

CALCULATOR CRUNCH

DAY 6
2020

MEI Mathematics Education Innovation

Choose 4 different numbers from the grid to add together.
How many different ways can you get a total of 2020?

483	174	597	225
831	906	714	582
747	358	561	690
927	465	349	159

Record the combinations which give a total of 2020.

What strategies did you use to choose the numbers?

What did you notice?

Keys allowed:
[+] [=]

Aim of the activity

2020 is a year that we won't forget in a hurry so we thought we ought to honour it in a challenge.

This activity is all about adding to make a total of 2020.

The grid contains 16 different numbers and you need to find sets of 4 of them which add to give a total of 2020.

How many different ways can you do it?

Using a calculator

Keys allowed:
[+] [=]

The keys allowed are but are there any others that you think would be useful?

What strategies can you use to decide which numbers to choose?

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Would rounding and estimating help you to decide which four numbers to choose?

Extra Challenge

What do you notice about the sets of four numbers which have a total of 2020?
Can you explain why this is?

What do you notice about the 16 numbers in the grid?