

Open -ended question

$$\underline{\quad} + \underline{\quad} = 53$$

Questions to prompt

What if I gave you some MAB?

What if the first number was 20?

What if you show me how we can solve this algorithm?

What if you draw for me

Give children 53 eg MAB and ask them to place in 2 groups

Could start with a smaller number and build up to 53.

What if one of my numbers was 10?

What if one of my numbers was a ten?

What if the first is ...? Eg 30

What could be a starting point?

Concrete materials (unifix or bundles)

Work in pairs/small groups

Can we work backwards?

Concrete materials

What do you know about this number?

What if we make it a smaller number eg 23

Questions to extend

- What if you added three numbers to reach 53?
- What if you could add as many numbers as possible to reach 53?
- What if you represented the numbers in decimals?
- Use three different numbers to add up to 53.
- Can you use more than one process/sign in your equation
- What if one number is a square?
- What if I use more numbers and brackets?
- List all the possible combinations
- Combinations of three numbers to make 53
- Only use 2 digit numbers
- Use of fractions and decimals
- What if the number was 530?
- What if we use negative numbers
- What if we use fractions or decimals
- What three numbers can we add?
- What if one of the numbers was a multiple of 5?