

The Answers Are

Set-up

Write down the numbers 1-10 on the board, along with + - x ÷

Pick any two numbers and one operation and make the calculation. Repeat 4 times with different numbers and operations.

Eg.

$$10 \div 1 = 10$$

$$9 \times 4 = 36$$

$$8 + 2 = 10$$

$$7 - 5 = 2$$

That leaves 2 numbers. Use them and any one of the 4 operations to make a final calculation:

$$6 \times 3 = 18$$

So our 5 answers are: 10, 36, 10, 2 and 18

In this task, you will be given the 5 answers to calculations. The goal is to determine the 5 calculations that were used to create those answers.

Rules: Each number from 1 – 10 is used exactly once. The operations + - x ÷ are each used once and any one operation is used a second time.

Random Groups → students to the white boards

When a group completes a stage, then give them the next set of numbers.

Stage 1	5, 8, 13, 24, 20
Stage 2	7, 2, 21, 3, 2
Stage 3	10, 14, 1, 20, 16
Stage 4	3, 3, 3, 3, 24
Stage 5	2, 2, 2, 2, 9
Stage 6	2, 3, 7, 7, 7
Stage 7	1, 2, 3, 4, 5
Stage 8	2, 3, 8, 8, 12
Stage 9	Make up your own set and challenge another team.