



Maths Accelerator Centre

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P3 Problem Sums Mini Course

Term 4 Lesson 1

1. Strategy : Grouping
2. Trending Problem Sums

**Learn Techniques
To Solve Problem Sums
With High Accuracy**

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Heuristics 1 : Equal Stage

1. Ali and Sufen had a total of \$200.

Then Ali gave Sufen \$40 and they had the same amount of money.

How much did each of them have at first?

TNS/SA2

2. Alan and Sam had a total of 160 marbles.

Then Alan gave Sam 50 marbles and they had the same number of marbles. How many marbles did each of them have at first?

Heuristics 2 : Comparison Model

1. Mrs Ang baked 6 times as many cookies as Mrs Ho.
They baked 588 cookies altogether.
How many cookies did Mrs Ang bake?

KCP/SA2

2. Mdm Siti baked 5 times as many muffins as Mrs Kumar.
They baked 396 muffins altogether.
How many cookies did Mdm Siti bake?

Trending Questions

1. Wei Hong scored 3 575 points in a computer game.

Wei Hong scored 79 points less than Gavin.

a) How many points did Gavin score?

b) What was their total score?

MGS/SA2

2. Janet and Nora had 652 stickers in total.

After Janet gave 19 stickers to Nora, Janet had thrice as many stickers as Nora.

a) How many stickers did Nora have in the end?

b) How many stickers did Janet have at first?

MGS/SA2

3. There are 578 lorries, cars and vans in a car park.
There are 3 times as many cars as vans.
There are 30 lorries.

ACSJ/SA2

- a) How many cars and vans are there altogether?
b) How many vans are there?