



# Maths Accelerator Centre

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## **P3 Problem Sums Mini Course**

### **Term 4 Lesson 3**

1. Strategy : Work Backwards
2. Trending Problem Sums

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

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Strategy : Equal Stage

1. Alan and Ben had an equal number of stickers each.

Alan gave away 75 stickers and Ben gave away 35 stickers.

In the end, Ben had 3 times as many stickers left as Alan.

How many stickers did Ben have at first?

2. Aini and Bella had an equal number of sweets each.

Aini gave away 168 sweets and Bella give away 48 sweets.

Then they realised that Bella had 4 times as many sweets left as Aini.

How many sweets did Bella have at first?

3. Julie and Miley had an equal number of pencils each.

Julie gave away 80 pencils and Miley give away 32 pencils.

Then they realised that Miley had 4 times as many pencils left as Julie.

How many sweets did Julie have at first?



3. Gavin collected 4 times as many picture cards as Ray. Ray collected 144 less picture cards than Gavin.
- How many picture cards did Ray collect?
  - How many picture cards did they collect altogether? (Ai Tong)
4. There are 578 lorries, cars and vans in a car park. There are 3 times as many cars as vans. There are 30 lorries.
- How many cars and vans are there altogether?
  - How many vans are there? (ACSJ)

5. Sammy and Ali had an equal number of marbles at first. Ali gave Sammy 408 marbles. In the end, Sammy had 830 marbles.
- How many marbles did Ali have in the end?
  - How many marbles did the two boys have altogether? (ACSJ)