



Primary 5

Unit & Part Model

Lesson 6:

Before and After (II)

More/less than

enquiry@mathsheuristics.com

Whatsapp Support:

8333 6240

Copyrights © Maths Heuristics Pte Ltd

All rights reserved.

No parts of this publication may be reproduced, stored in any retrieval system, or transmitted via any retrieval system or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior permission of the copyright owner.

No parts of this publication may be used in the conducting of classes, commercial or otherwise, without the prior permission of the copyright owner.

LESSON 6: Before and After (II)**GUIDED EXAMPLE 1**

Belinda had $\frac{1}{4}$ as many stickers as Daisy.

Daisy gave away 130 stickers while Belinda bought another 45 stickers.

As a result, Belinda had 55 more stickers than Daisy.

Find the number of stickers Belinda had in the end.

GUIDED EXAMPLE 2

Frankie's monthly allowance is \$100 more than Delta.

In a particular month, Frankie spent \$235 and Delta spent \$15,
the ratio of Frankie's money to Delta's money became 2 : 5.

How much is each of their month allowance?

GUIDED EXAMPLE 3

Ronald collected Coke bottles and Pepsi bottle caps.

There were 50 more Coke bottle caps than Pepsi bottle caps at first.

When he bought another 10 Coke bottle caps and 155 Pepsi bottle caps,

the number of Coke bottle caps became $\frac{1}{2}$ the number of Pepsi bottle caps.

Find the number of Pepsi bottle caps he had at first.

GUIDED EXAMPLE 4

Mr. Sim bought some sweets and lollipops in the ratio of 4 : 3 for Children's Day.
He gave 26 sweets to some children and bought another 11 lollipops.
The number of sweets became 24 less than the number of lollipops.
Find the number of lollipops he had in the end.

GUIDED EXAMPLE 5

The mass of rice in Sack U is 49 kg heavier than Sack P.

When $\frac{4}{11}$ of the rice from Sack U is transferred to Sack P,

the mass of rice in Sack U became 15 kg lighter than that of Sack P.

Find the mass of rice in Sack P at first.

GUIDED EXAMPLE 6*

Tom had 81 more square stickers than round stickers.

After he gave away $\frac{4}{9}$ of his square stickers and $\frac{1}{4}$ of his round stickers,

he was left with 17 more square stickers than round stickers.

How many round stickers did he have at first?

BUILD YOUR UNDERSTANDING

1. Paul and Jane have some picture cards.
After Paul gave 36 picture cards to Jane,
Paul has 24 more picture cards than Jane.
How many more picture cards than Jane does Paul have in the beginning?

2. Allen had 80 more local stamps than foreign stamps.
After giving away $\frac{1}{2}$ of the local stamps,
there were 60 more foreign stamps than local stamps.
How many local stamps did Allen have at first?

Primary 5

Before and After (II)

More/less than

3. Richard had 132 more stamps than Jenny at first.
After Jenny gave Richard 45 stamps,
Richard had thrice as many stamps as Jenny.
Find the number of stamps Jenny had at first.

Primary 5

Before and After (II)

More/less than

4. Mandy had \$124 more than Paul.
Paul spent \$29 and gave \$42 to Mandy.
In the end, Paul had $\frac{1}{4}$ as much money as Mandy.
How much money did they have altogether at first?

5. There were 18 marbles in Box A, 25 marbles in Box B and 57 marbles in Box C. Raymond put an equal number of marbles into each of the 3 boxes. As a result, Box C contained 6 marbles less than the total number of marbles in Box A and Box B. How many marbles did Raymond put into each box?

6. In a library, there were 28 more men than women.
 $\frac{1}{7}$ of the men and $\frac{2}{5}$ of the women left the library.
Among the adults that left the library,
there were 32 more women than men.
How many men were there in the hall at first?