

Worksheet B

Activity Book p.86

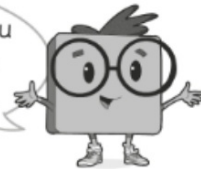
Use Objects, Shapes and Symbols for Unknown Numbers

Level 1

Level 2

Level 3

If you are not sure, you can refer to Student's Book pages 117 and 118.



I Find the value of the unknowns.

a $\underline{9} + 47 = 56$

b $10 + \underline{81} = 91$

c $85 - \underline{13} = 72$

d $\underline{60} - 36 = 24$

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Level 1 **Level 2** Level 3



- 2 Kelly has a bag of rice and a bag of flour.

The total mass of the bag of rice and the bag of flour is 14 kg.

The bag of rice is heavier than the bag of flour.

$$\triangle \text{ kg} + \triangle \text{ kg} = 14 \text{ kg}$$

What is the mass of the bag of rice in kilograms?

What is the mass of the bag of flour in kilograms?

Give all the possible masses of the bag of rice and bag of flour.




Flour



Rice

| \triangle | \triangle | Total |
|-------------|-------------|-------|
| 8 | 6 | 14 |
| 9 | 5 | 14 |
| 10 | 4 | 14 |
| 11 | 3 | 14 |
| 12 | 2 | 14 |
| 13 | 1 | 14 |

-  **3** Daniel cuts a ribbon into 3 pieces.
Each piece has a different length in metres.
All the lengths of the ribbons are in whole numbers.
The longest piece is 6 m long.
How long was the ribbon before Daniel cut it?
Find all the possible lengths.

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| 1st piece | 2nd piece | (+ 6) Total length of the ribbons |
|-----------|-----------|--------------------------------------|
| 1 | 2 | 9 |
| 1 | 3 | 10 |
| 1 | 4 | 11 |
| 1 | 5 | 12 |
| 2 | 3 | 11 |
| 2 | 4 | 12 |
| 2 | 5 | 13 |
| 3 | 4 | 13 |
| 3 | 5 | 14 |
| 4 | 5 | 15 |

The possible lengths are 9 m, 10 m, 11 m, 12 m, 13 m, 14 m and 15 m.