

Worked Examples

Length and Perimeter

Year 3

Instructions

A pupil has been given a set of questions to answer. They tried their best but think they have got some answers wrong.

Go through the work and check the answers. Help the pupil to understand their errors by explaining where they have gone wrong or how to find the correct answer (there are prompts below the questions to help you).

Note that you will not always be asked to provide the correct answer.

1

Complete the table

m	cm
3m	300cm
2m 50cm	250cm
1m 7cm	107cm

The answers are: ☐ Correct ☐ Incorrect

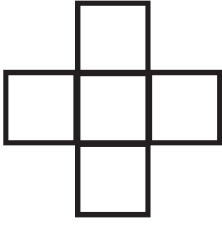
In full sentences, write how many cm are in one m and how many mm are in one cm.

- 2 Liam is 1m 15cm tall. Josie is 1m 30cm tall and Lyla is 105cm tall. Who is the tallest?

Lyla

This answer is: ☐ Correct ☐ Incorrect
Explain how to solve this question.

- 4 Jessica uses centimetre square paper to draw a shape. What is the perimeter of her shape?



5cm

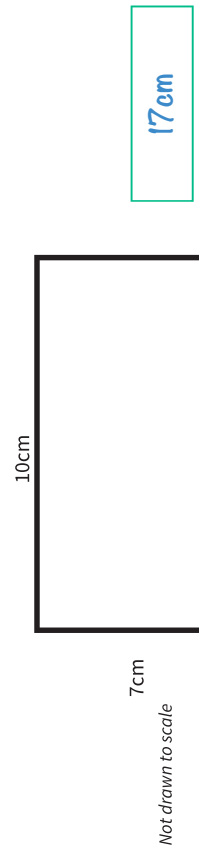
This answer is: ☐ Correct ☐ Incorrect
If incorrect, what should the answer be? Explain.

- 3 Olivia has grown a sunflower 81cm tall. Maisie's sunflower is 94cm tall. How tall are their sunflowers together?

$81 + 94$
 $8 + 9 = 17$ $1 + 4 = 5$
 $17 + 5 = 22$
 22cm

This answer is: ☐ Correct ☐ Incorrect
If incorrect, what should the answer be? Explain.

- 5 Use the information given to calculate the perimeter of the shape.



17cm

This answer is: ☐ Correct ☐ Incorrect
Explain how to use the information given to find the perimeter.
