

Please make sure that you print this resource at 100% so that all measurements are correct.

To do this, follow the relevant steps below.

Adobe Reader or Adobe Acrobat

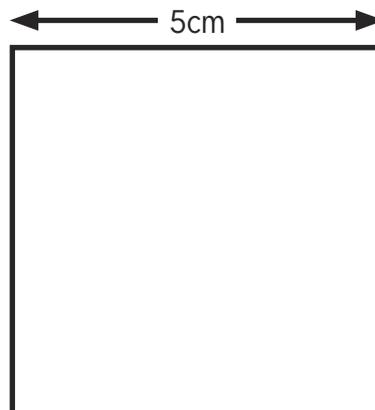
- Adobe Reader is a free PDF viewer, from Adobe. To install a copy of Adobe Reader, go to <https://get.adobe.com/uk/reader/>.
- Once Adobe Reader is installed, open your PDF.
- Go to File>Print.
- Under 'Page Sizing & Handling', select 'Size'.
- From here, make sure that 'Actual Size' is selected.
- Print this page as a test, making sure that the shape below is the correct size once printed.
- If the test print is correct, print your PDF.

Foxit Reader

- Go to File>Print.
- Set the 'Scaling' to 'None'.
- Print this page as a test, making sure that the shape below is the correct size once printed.
- If the test print is correct, print your PDF.

Web Browser

- If printing from a web browser, such as Chrome, Firefox or Microsoft Edge make sure that your printer is set to print at 100%, either by unticking 'Fit to Page' or selecting 'Actual Size'.
- Print this page as a test, making sure that the shape below is the correct size once printed.
- If the test print is correct, print your PDF.





Perimeter of Rectangles

I can calculate the perimeter of a rectangle.



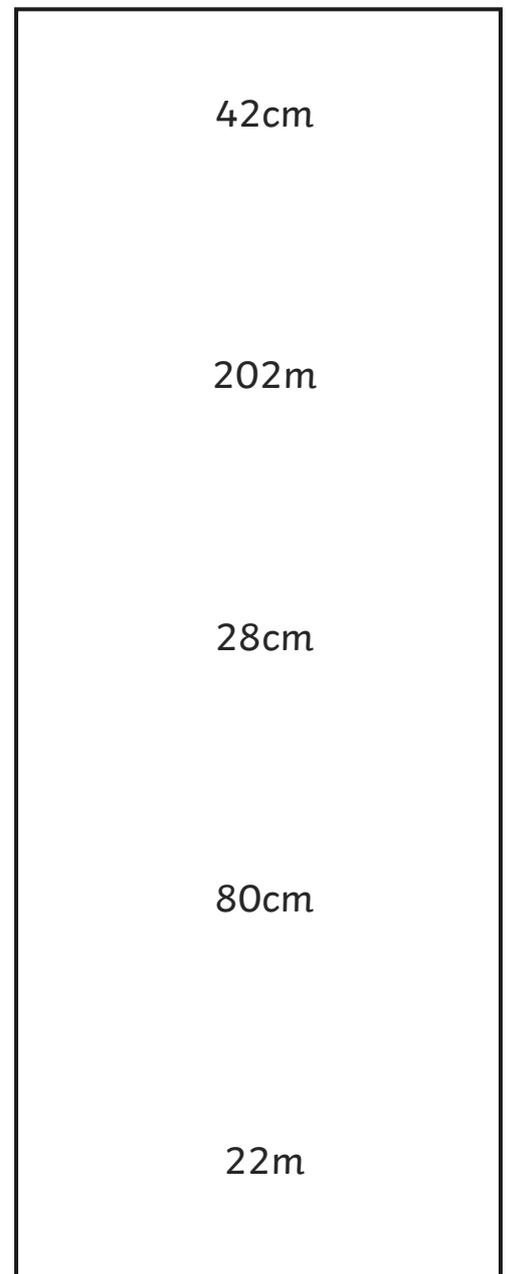
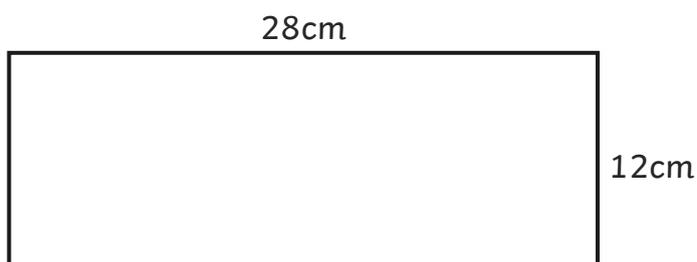
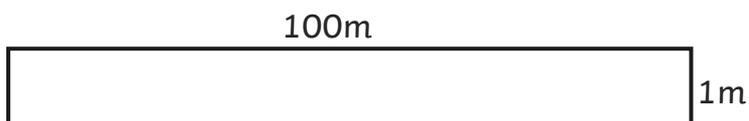
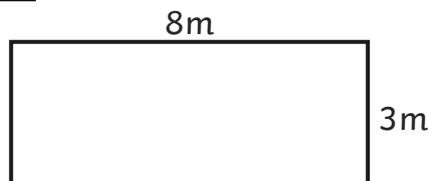
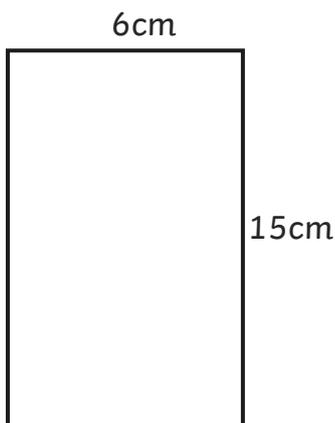
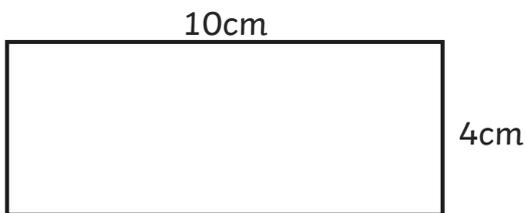
Formula for calculating the perimeter of rectangles:

$$2 \times (l + w)$$

l = length

w = width

1. Use the formula to calculate the perimeter of these scaled rectangles and draw a line to the correct answer:





Perimeter of Rectangles

2. Use a ruler to measure the length and the width of the rectangles. Then, use the formula to calculate the perimeter.

| | |
|---|--|
| a)  | b)  |
| c)  | d)  |

3. Draw a rectangle which has a perimeter of 24cm.



Perimeter of Rectangles Answers

1. Use the formula to calculate the perimeter of these scaled rectangles and draw a line to the correct answer:

The diagram shows four rectangles with their dimensions and five possible perimeter answers. Lines connect each rectangle to its correct answer:

- Rectangle 1: Length 10cm, Width 4cm. Perimeter 28cm.
- Rectangle 2: Length 6cm, Width 15cm. Perimeter 42cm.
- Rectangle 3: Length 8m, Width 3m. Perimeter 22m.
- Rectangle 4: Length 100m, Width 1m. Perimeter 202m.

The possible answers are: 42cm, 202m, 28cm, 80cm, and 22m.

2. Use a ruler to measure the length and the width of the rectangles. Then use the formula to calculate the perimeter. Show your working out.
a) **20cm** b) **18cm** c) **16cm** d) **14cm**
3. A rectangle drawn with a perimeter of 24cm: length and width together total 12cm.



Perimeter of Rectangles

I can calculate the perimeter of a rectangle.



Formula for calculating the perimeter of rectangles:

$$2 \times (l + w)$$

l = length

w = width

1. Use a ruler to measure the length and the width of the rectangles. Then, use the formula to calculate the perimeter.

| | |
|--|---|
| a)  | b)  |
| c)  | d)  |

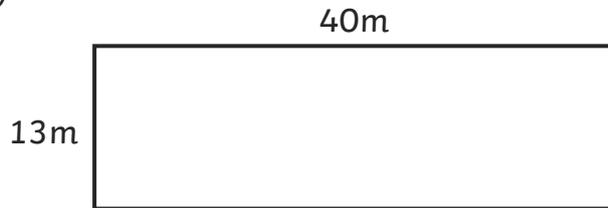
2. Draw a rectangle which has a perimeter of 30cm.



Perimeter of Rectangles

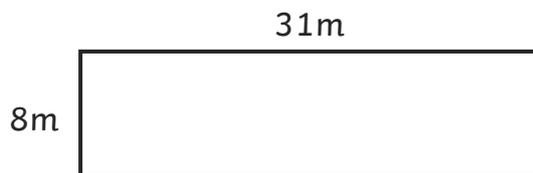
3. Farmer Fred wants to fence his fields. The fencing costs £5 a metre. He wants to know how much it will cost for each field and how much for the 3 fields altogether. Show your working out.

a)



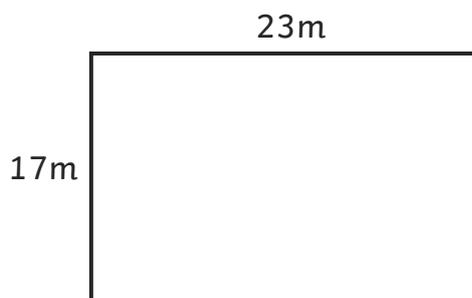
cost _____

b)



cost _____

c)



cost _____

d) Total cost of all 3 fields:

total cost _____



Perimeter of Rectangles Answers

1. Use a ruler to measure the length and the width of the rectangles. Then, use the formula to calculate the perimeter.
a) **20cm** b) **16cm** c) **15cm** d) **17cm**
2. A rectangle drawn with a perimeter of 30cm: length and width together total 15cm.
3. Farmer Fred wants to fence his fields. The fencing costs £5 a metre. He wants to know how much it will cost for each field and how much for the 3 fields altogether. Show your working out.
a) **£530**
b) **£390**
c) **£400**
d) **£1320**



Perimeter of Rectangles

I can calculate the perimeter of a rectangle.



Formula for calculating the perimeter of rectangles:

$$2 \times (l + w)$$

l = length

w = width

1. Use a ruler to measure the length and the width of the rectangles. Then, use the formula to calculate the perimeter.

| | |
|--|---|
| a)  | b)  |
| c)  | d)  |

2. Draw a rectangle which has a perimeter of 25cm.



Perimeter of Rectangles

3. A rectangle has a perimeter between 50m and 70m. All its sides are whole number measurements. The width is half the measurement of the length. What could the dimensions of the rectangle be? Show how you worked out your answer.

Length of rectangle: _____ Width of rectangle: _____



Perimeter of Rectangles **Answers**

1. Use a ruler to measure the length and the width of the rectangles. Then, use the formula to calculate the perimeter.
a) *17cm* b) *18cm* c) *19cm* d) *20cm*
2. A rectangle drawn with a perimeter of 25cm: length and width together total 12.5cm.
3. Accept one of the following:
length 22m, width 11m
length 20m, width 10m
length 18m, width 9m