

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

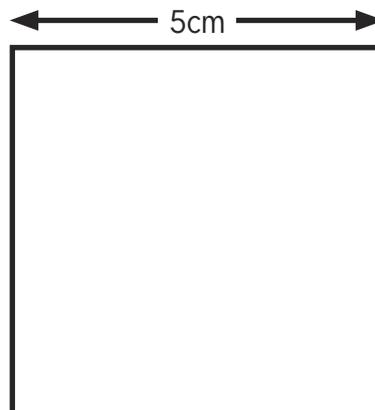
- Adobe Reader is a free PDF viewer, from Adobe. To install a copy of Adobe Reader, go to <https://get.adobe.com/uk/reader/>.
- Once Adobe Reader is installed, open your PDF.
- Go to File>Print.
- Under 'Page Sizing & Handling', select 'Size'.
- From here, make sure that 'Actual Size' is selected.
- 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

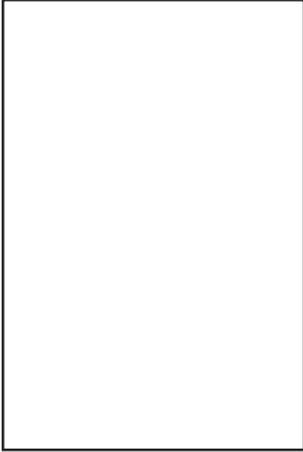
- If printing from a web browser, such as Chrome, Firefox or Microsoft Edge make sure that your printer is set to print at 100%, either by unticking 'Fit to Page' or selecting 'Actual Size'.
- Print this page as a test, making sure that the shape below is the correct size once printed.
- If the test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



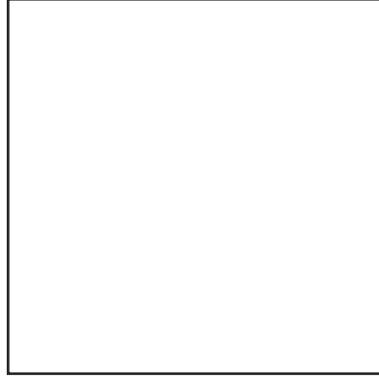
Elf Maths Area and Perimeter

The elves in Santa's workshop are making Christmas cards!
Can you measure them and work out the perimeter of each card.
Make sure you measure accurately.

1.

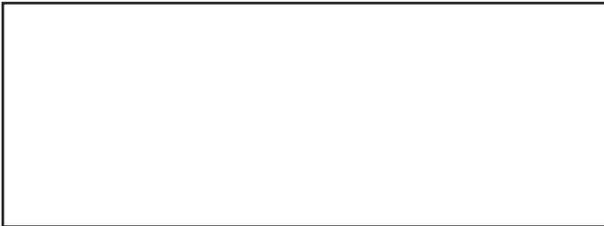


2.

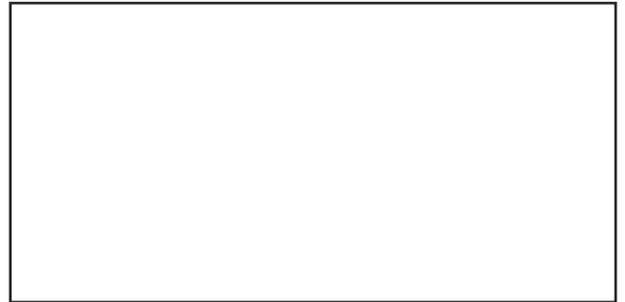




3.



4.



5.



6.

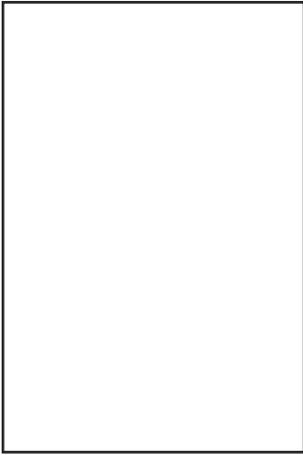


Elf Maths Area and Perimeter

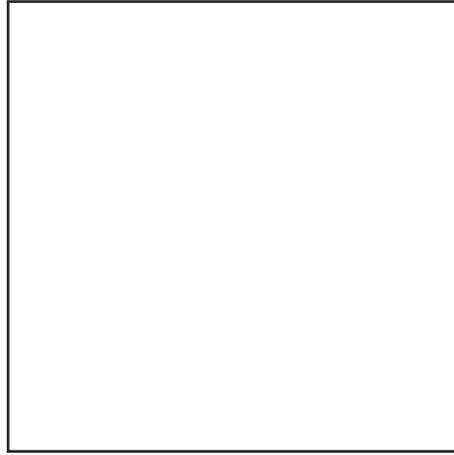
The elves at Santa's workshop are making their own cards.

Can you measure the first two cards and work out the perimeter and area of the cards?

1.



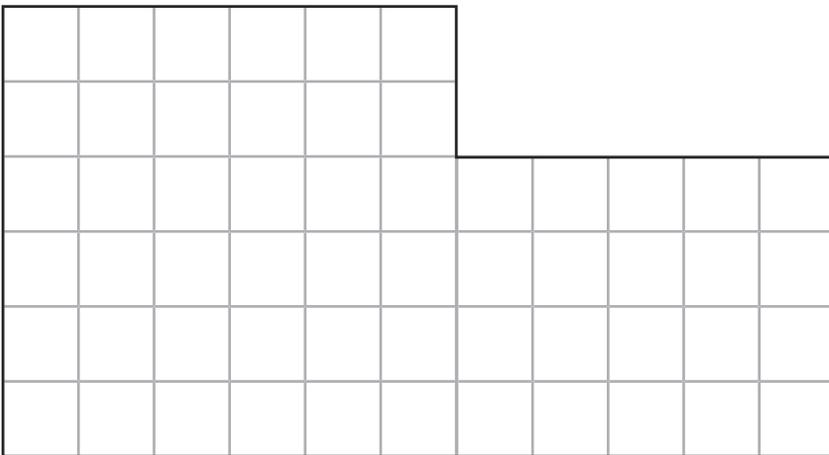
2.



For the next four, use the squares to work out the area of these card shapes.

Can you work out the perimeter of each shape?

3.

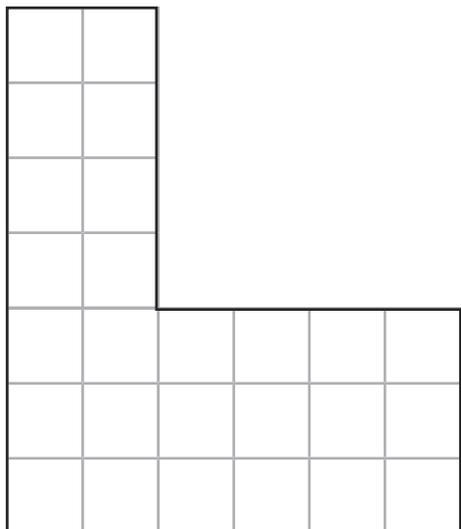


A _____

P _____



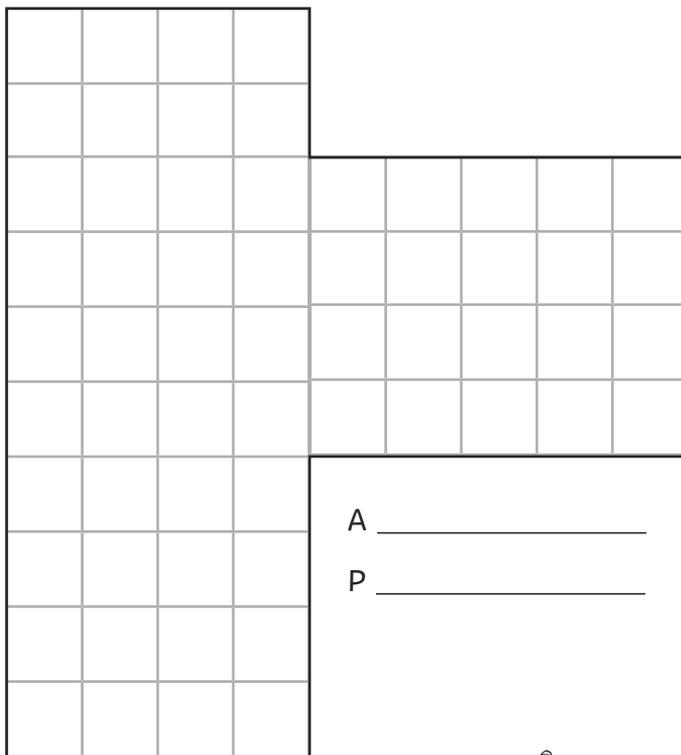
4.



A _____

P _____

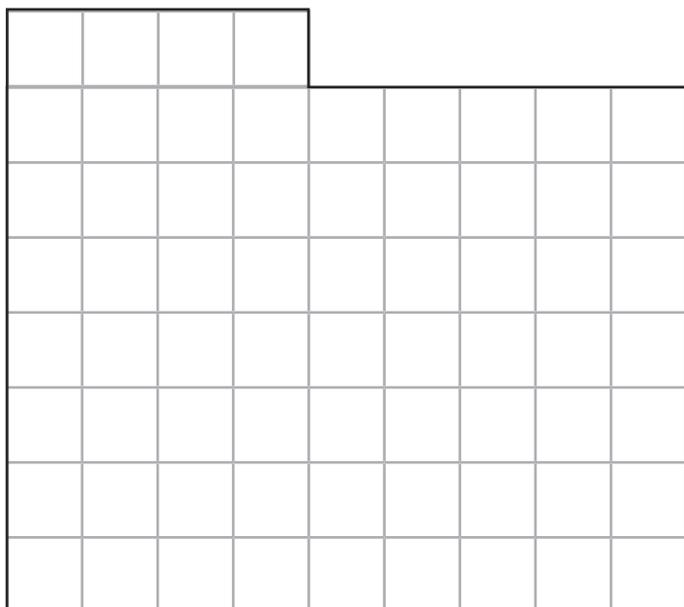
5.



A _____

P _____

6.



A _____

P _____



Challenge: The perimeter of this bedroom is 18m. What could the lengths of each side be? There is more than one answer!



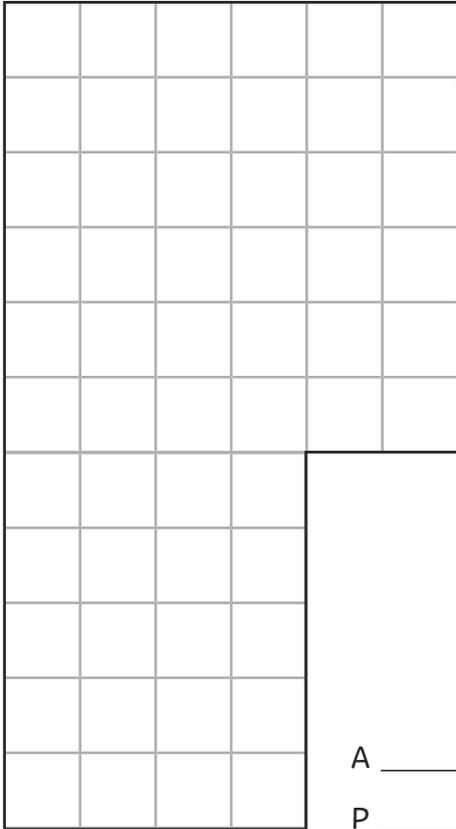
Elf Maths Area and Perimeter

The elves at Santa's workshop are making their own cards.

Use the squares to work out the area of these shapes.

Can you work out the perimeter of each shape?

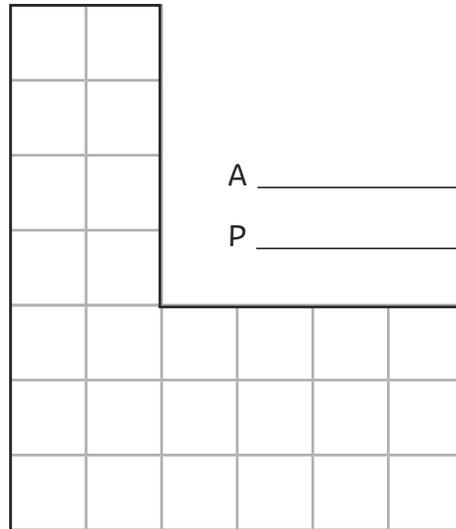
1.



A _____

P _____

2.

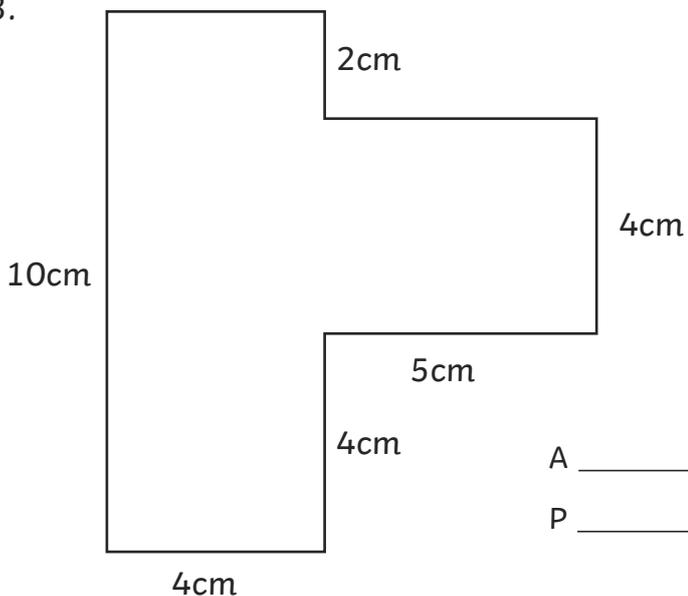


A _____

P _____

Can you work out the area and perimeter of these card shapes?

3.

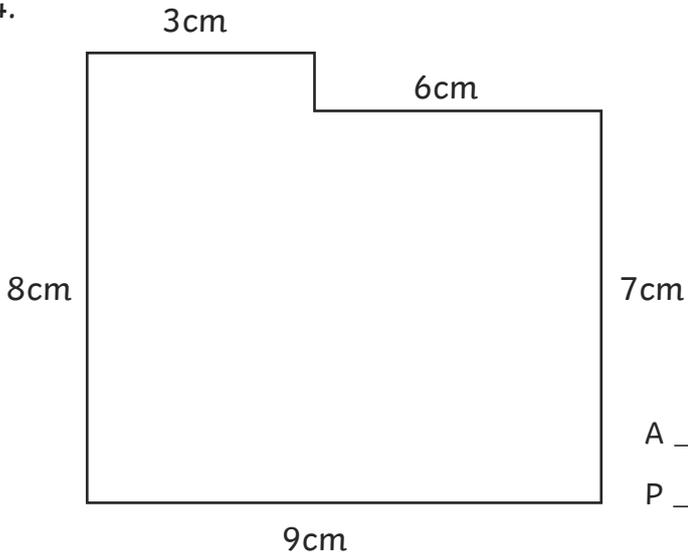


A _____

P _____



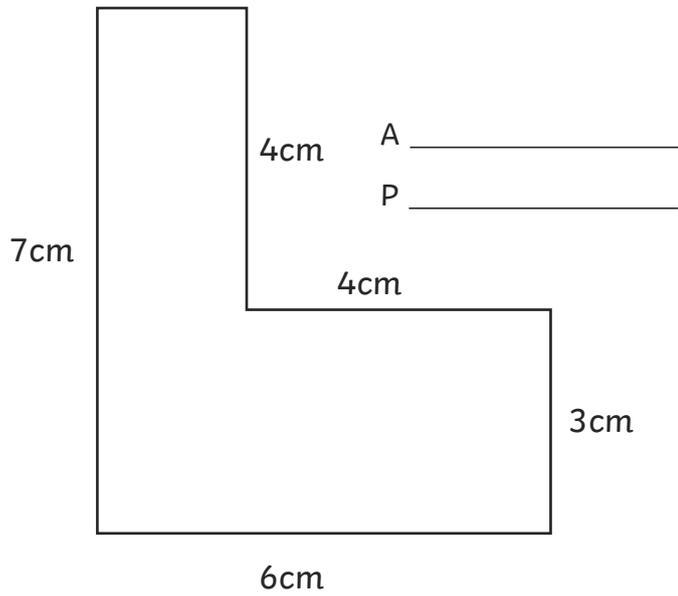
4.



A _____
 P _____

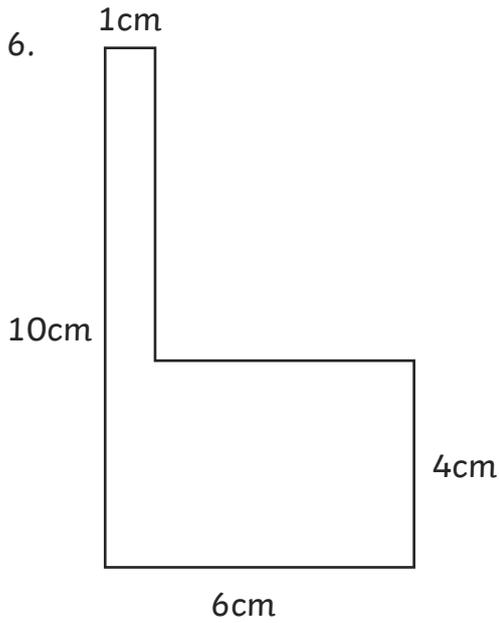


5.



A _____
 P _____

6.



A _____
 P _____

Challenge: The perimeter of this bedroom is 18m. What could the lengths of each side be? There is more than one answer!

Elf Maths Area and Perimeter Answers

★	★★	★★★
1. 20cm	1. P - 20cm A - 24cm ²	1. P - 34cm A - 56cm ²
2. 20cm	2. P - 24cm A - 36cm ²	2. P - 26cm A - 26cm ²
3. 22cm	3. P - 34cm A - 56cm ²	3. P - 38cm A - 60cm ²
4. 24cm	4. P - 26cm A - 26cm ²	4. P - 34cm A - 66cm ²
5. 16cm	5. P - 38cm A - 60cm ²	5. P - 26cm A - 26cm ²
6. 12cm	6. P - 34cm A - 67cm ²	6. P - 38cm A - 30cm ²

Challenge

Possible lengths are:

8m by 1m

7m by 2m

6m by 3m

5m by 4m