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

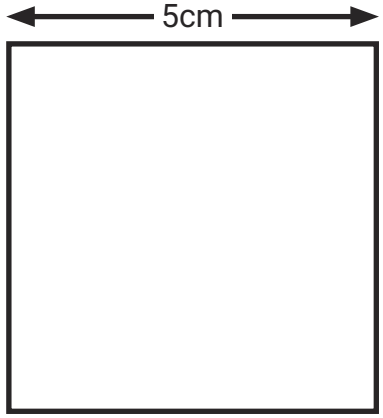
- Adobe Reader is a free PDF viewer, from Adobe. To install a copy of Adobe Reader, go to https://get.adobe.com/uk/reader/.
- Once Adobe Reader is installed, open your PDF.
- Go to File>Print.
- Under 'Page Sizing & Handling', select 'Size'.
- From here, make sure that 'Actual Size' is selected.
- Print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



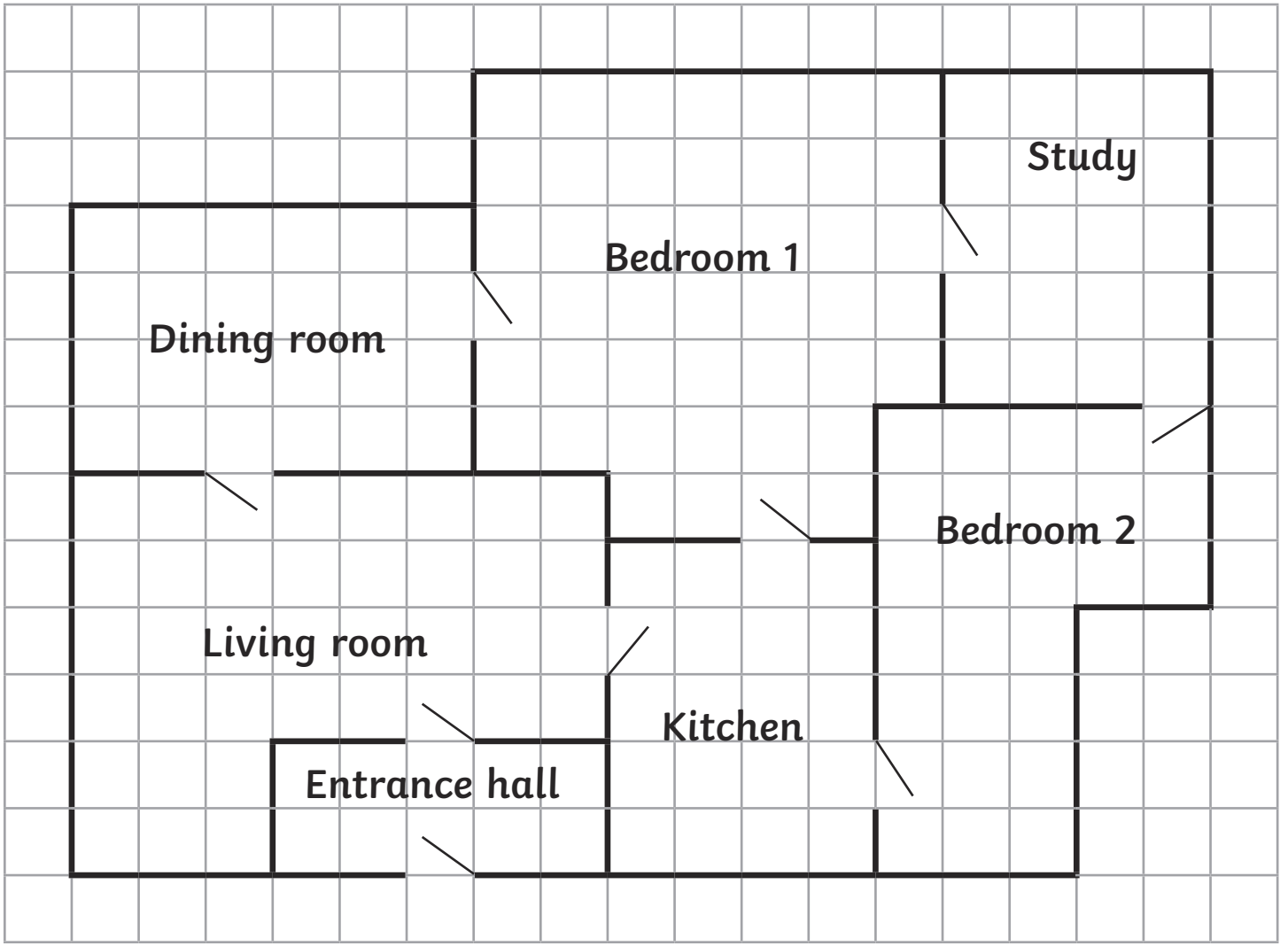
Convert Scale Measurements Into Real-Life Measurements

This is a builder's plan of a new house that they have just finished. A building surveyor wants to check that the house has been built to the exact plan before he can declare it safe to live in. To do this, he has hired you to help him!

You need to convert the scale measurements of all the internal and external walls on the plan into real-life measurements so that the building surveyor can check the length and width of all the walls.

Be careful to not include the doors in the internal measurements.

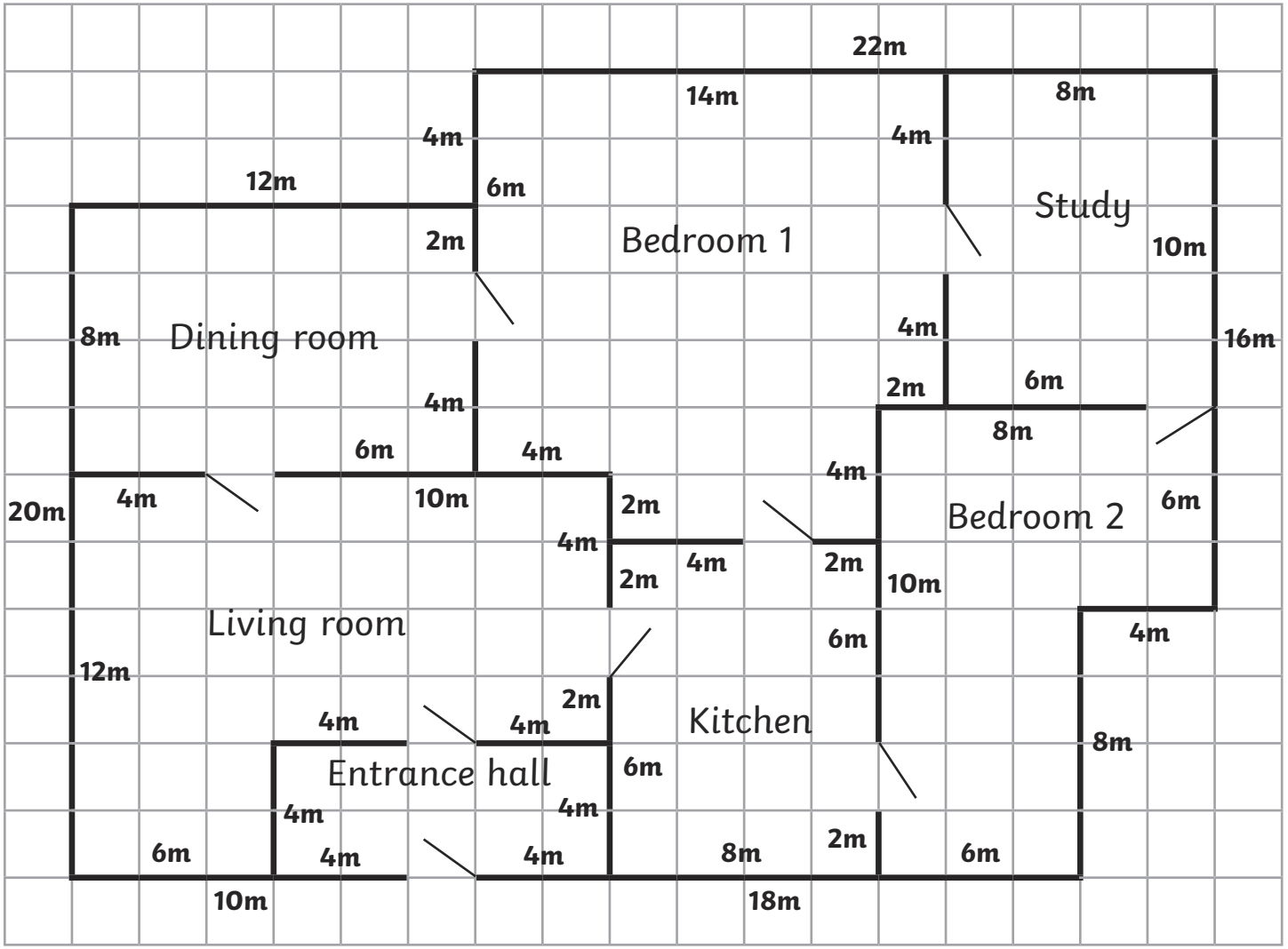
Scale: 1cm: 2m



Challenge: What is the total perimeter of the house? Don't forget about the space needed for the front door in the entrance hall!

Convert Scale Measurements Into Real-Life Measurements
Answers

Challenge: **58cm: 116m**



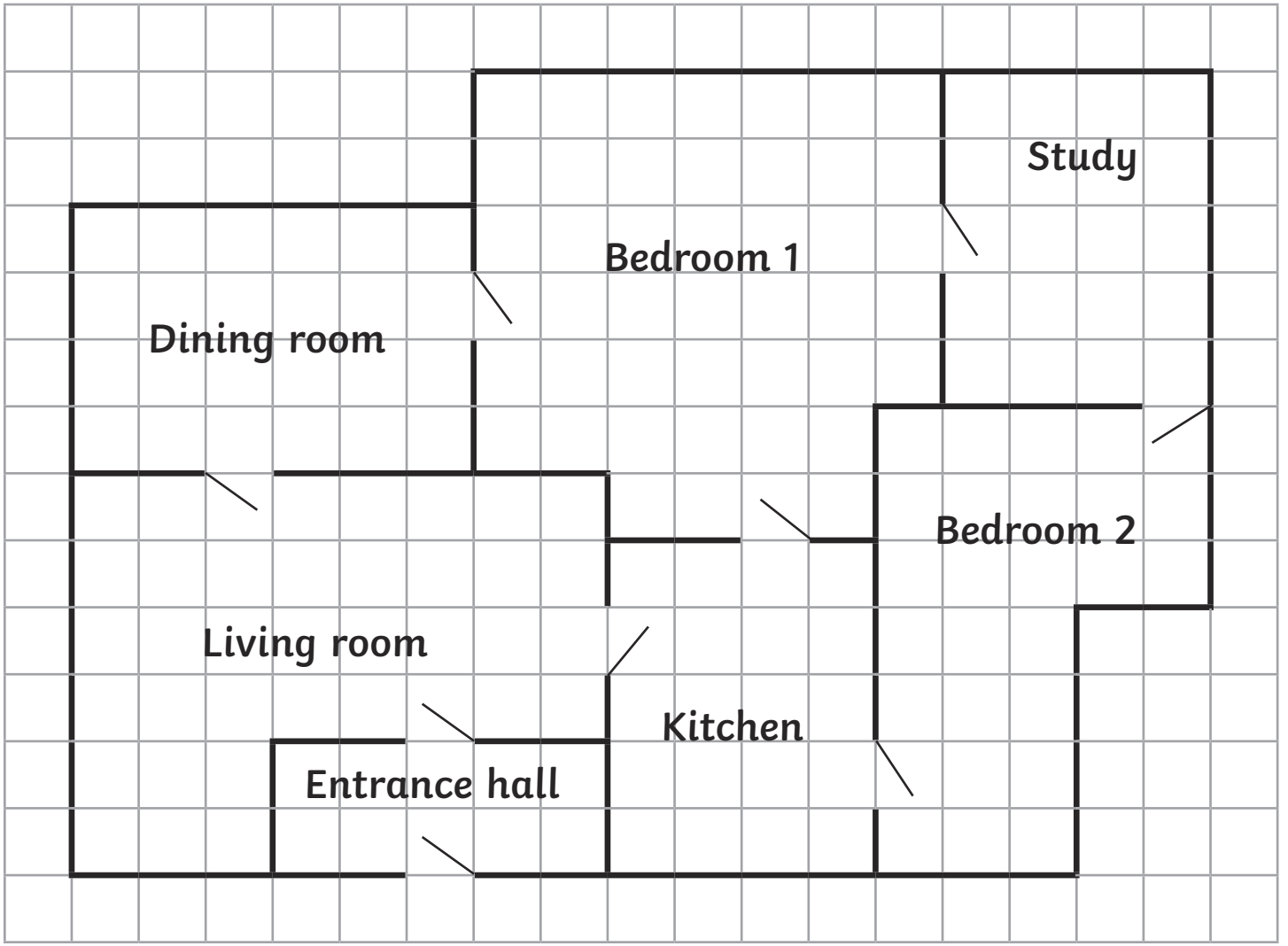
Convert Scale Measurements Into Real-Life Measurements

This is a builder's plan of a new house that they have just finished. A building surveyor wants to check that the house has been built to the exact plan before he can declare it safe to live in. To do this, he has hired you to help him!

You need to convert the scale measurements of all the internal and external walls on the plan into real-life measurements so that the building surveyor can check the length and width of all the walls.

Be careful to not include the doors in the internal measurements.

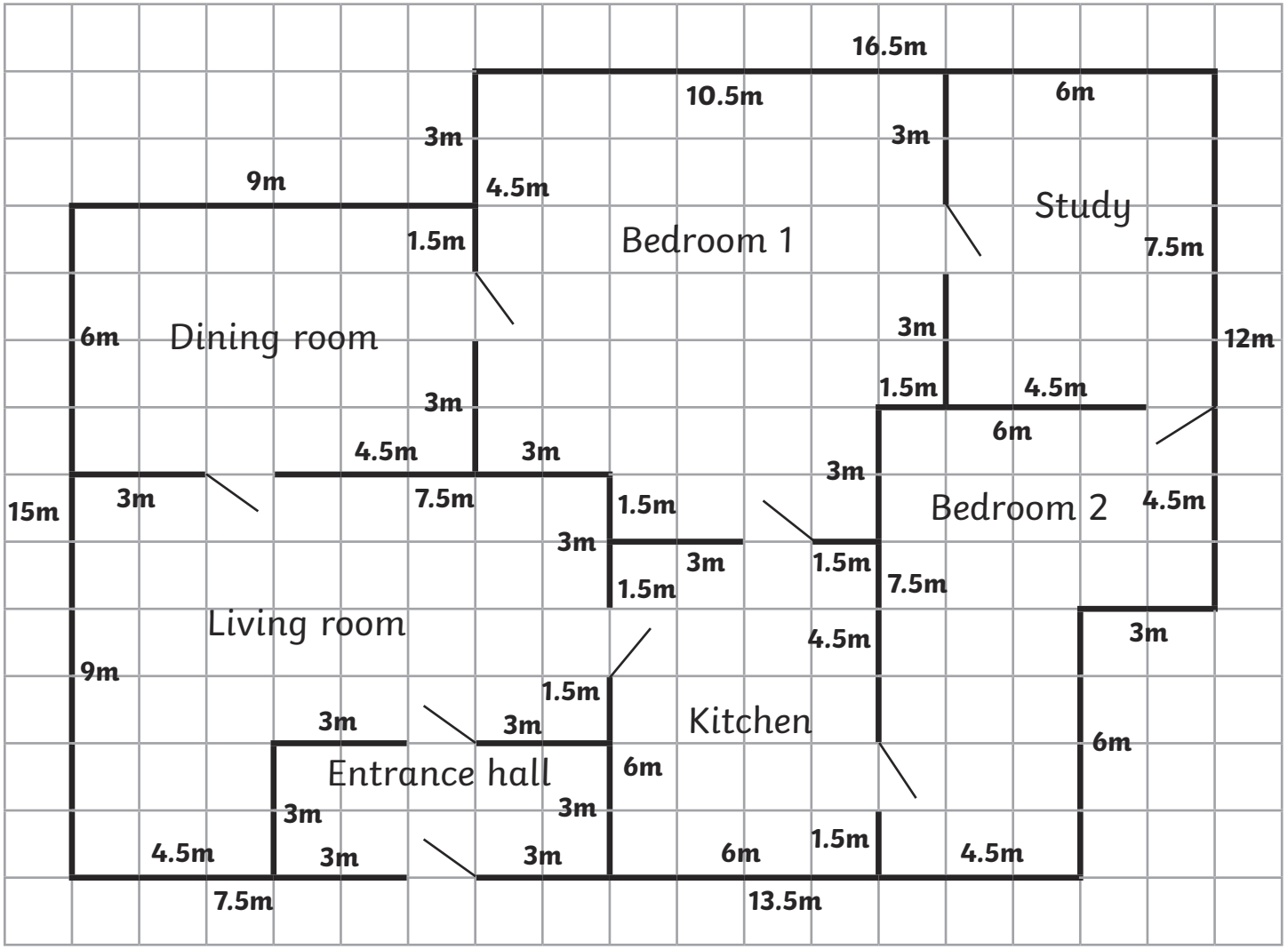
Scale: 1cm: 1.5m



Challenge: What is the total perimeter of the house? Don't forget about the space needed for the front door in the entrance hall!

Convert Scale Measurements Into Real-Life Measurements
Answers

Challenge: **58cm: 87m**



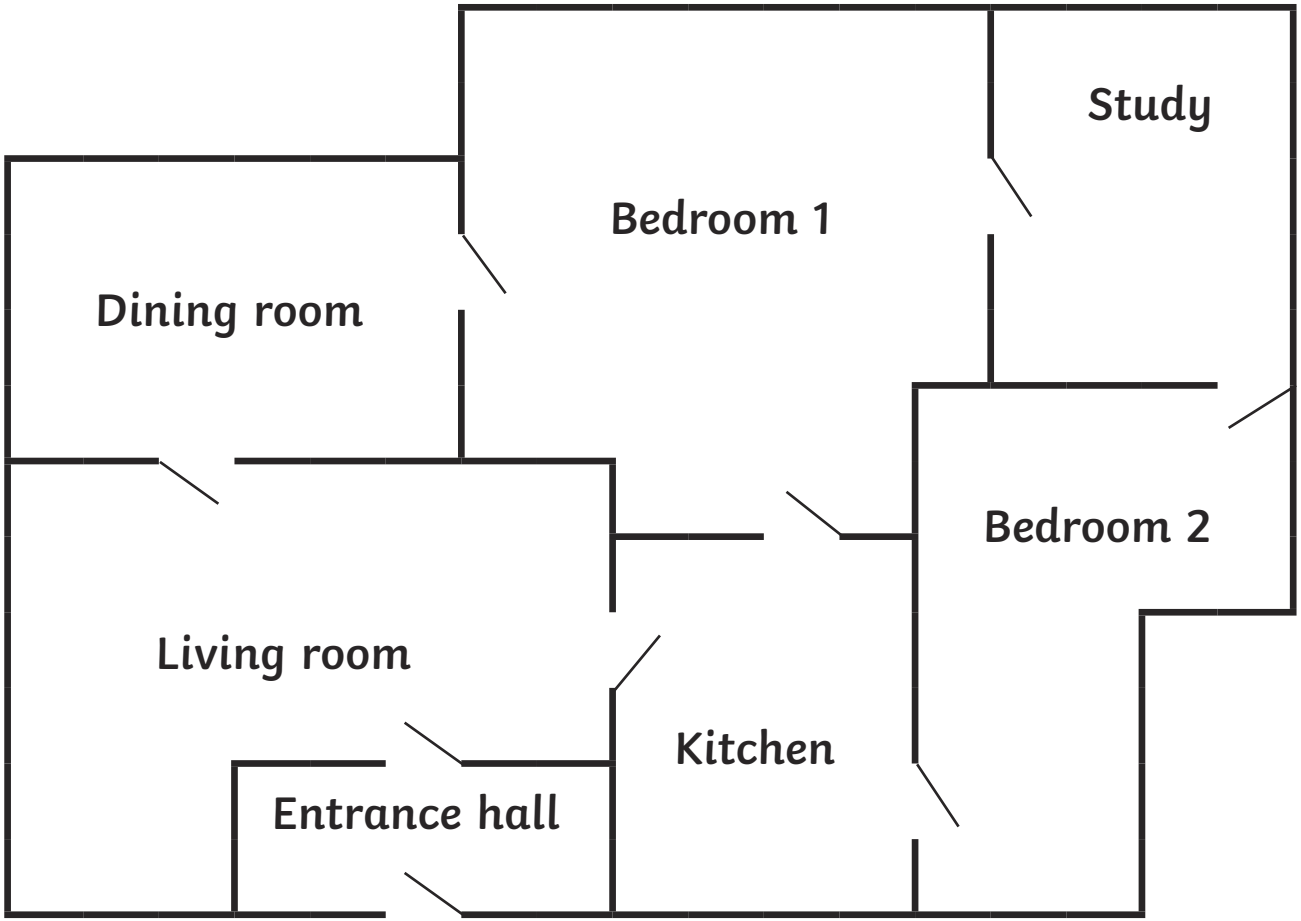
Convert Scale Measurements Into Real-Life Measurements

This is a builder's plan of a new house that they have just finished. A building surveyor wants to check that the house has been built to the exact plan before he can declare it safe to live in. To do this, he has hired you to help him!

You need to convert the scale measurements of all the internal and external walls on the plan into real-life measurements so that the building surveyor can check the length and width of all the walls.

Be careful to not include the doors in the internal measurements.

Scale: 1cm: 1.5m



Challenge: **What is the total perimeter of the house? Don't forget about the space needed for the front door in the entrance hall!**

Convert Scale Measurements Into Real-Life Measurements
Answers

Challenge: **58cm: 87m**