



Functional Skills and GCSE Foundation

Edexcel

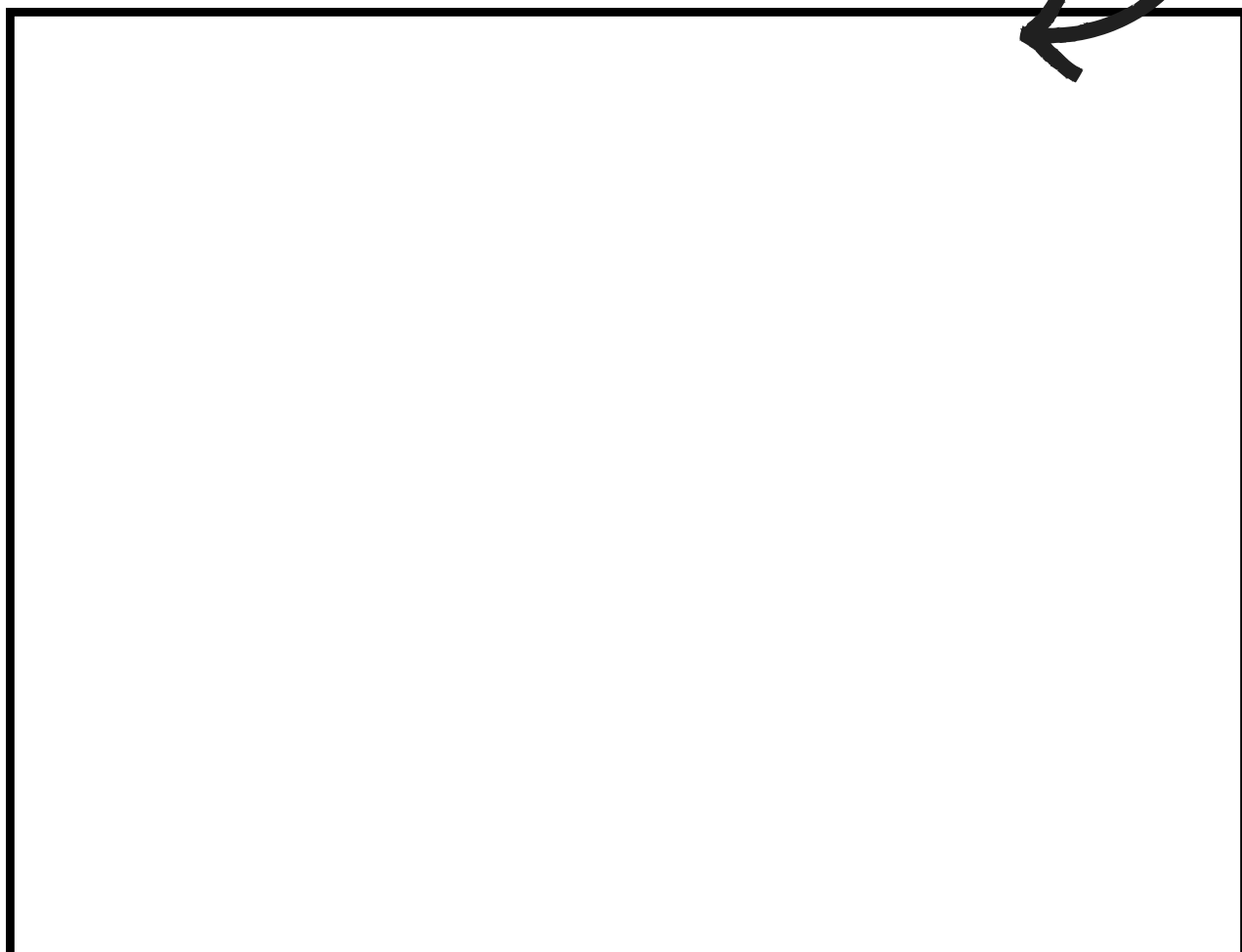
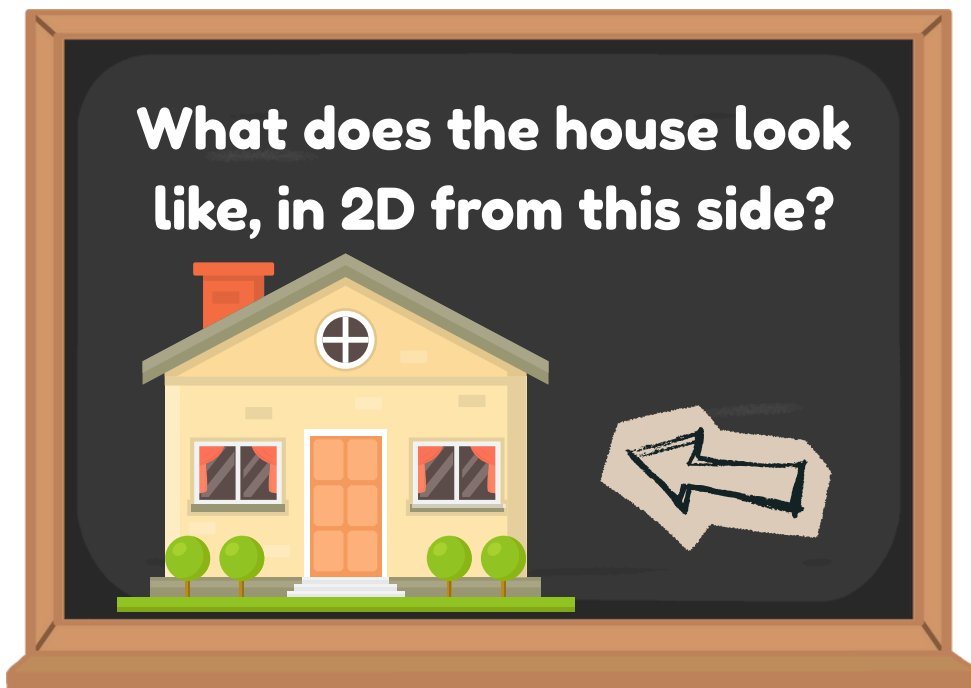
Unit 2: Measure, shape and space
Lesson 5 - Scales plans, elevations and maps

- FS1
- FS2
- GCSE
- iGCSE

Bring to join in:
a hard back book, piece of paper and a pencil, an OS map if possible

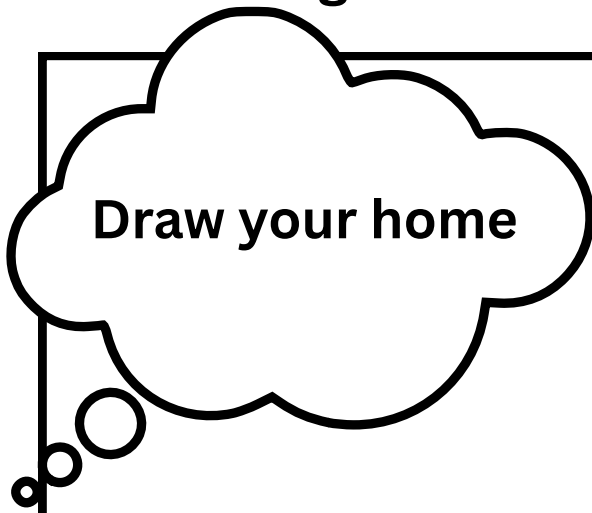


Start thinking:

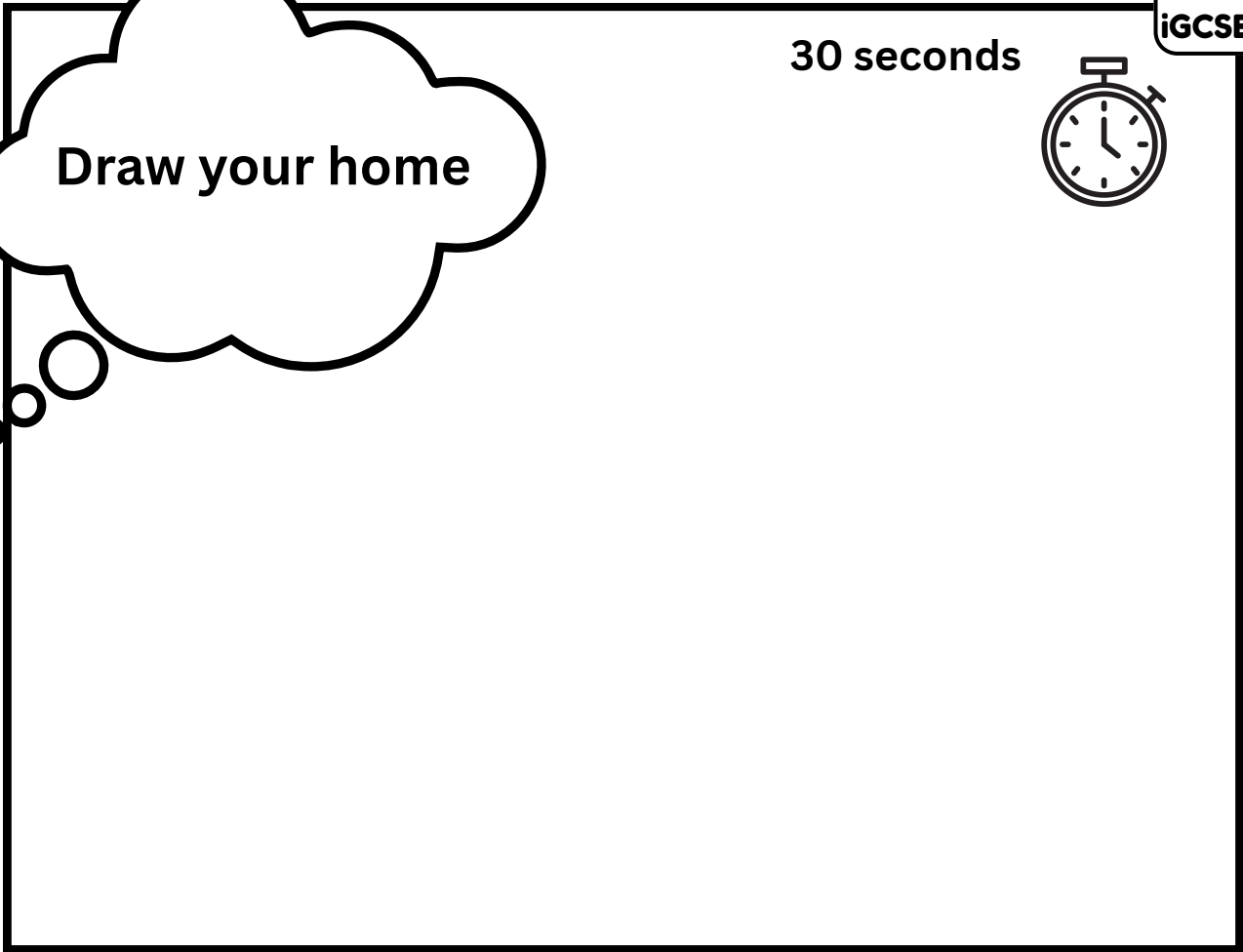


Scale drawing:

FS1	<input checked="" type="checkbox"/>
FS2	<input checked="" type="checkbox"/>
GCSE	<input checked="" type="checkbox"/>
iGCSE	<input checked="" type="checkbox"/>

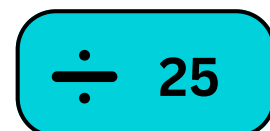
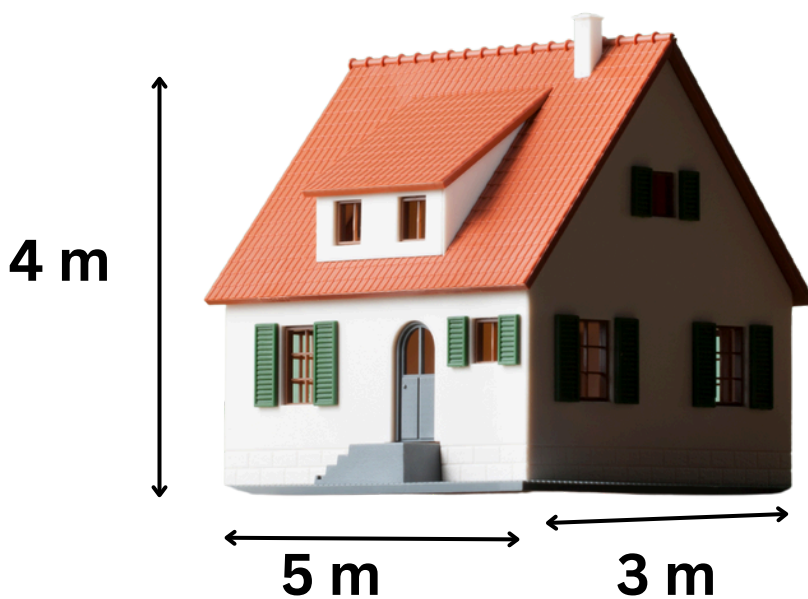


30 seconds

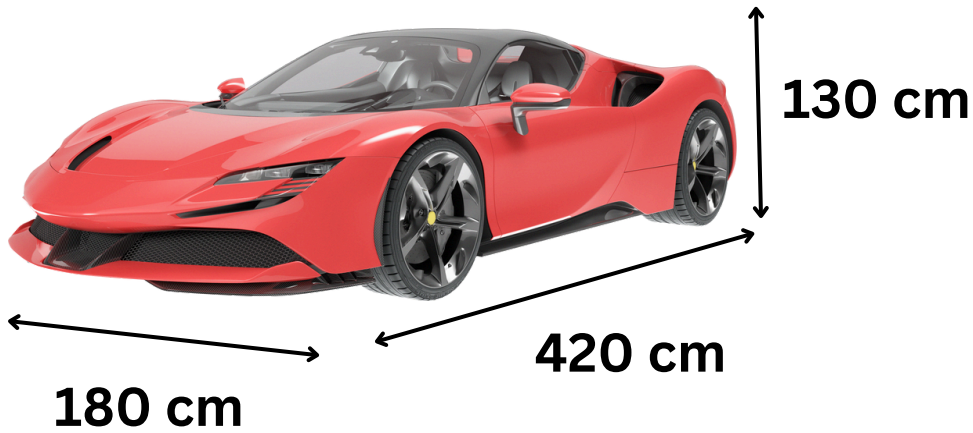


Decide on a number that we are going to divide everything by

1 : 25



Scale drawing:



**Scale
1: 15**

What would be the measurements on the scale drawing?

**Scale
1: 25000**



**The distance between the
2 pins in 5 cm**

What is the distance in real life?

Quiz



Scale 1: 75



5.5 cm

**Scale
1: 50000**





Practice questions

At home:

Transum - Plans and elevations

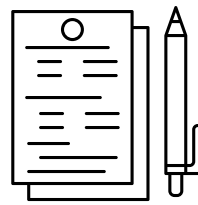
https://www.transum.org/Maths/Activity/Plans_and_Elevations/Default.asp?Level=1

Video from corbet maths:

<https://corbettmaths.com/2014/01/16/views-and-elevations/>

Scale drawing task - Dr Austin Maths

https://www.draustinmaths.com/_files/ugd/7ac124_1badfd16f4eb4d29b13c6cf6e153a156.pdf



At home:

Plans and elevations - Kenneth Stafford - Past Exam questions:

<https://www.kennethstafford.co.uk/resources-folder/past-paper-questions/grade-4-gcse-maths-topics/plans-and-elevations/questions-plans-and-elevations-past-paper-questions>

Answers:

<https://www.kennethstafford.co.uk/resources-folder/past-paper-questions/grade-4-gcse-maths-topics/plans-and-elevations/answers-plans-and-elevations-past-paper-questions>

Scale drawing video - Maths Genie:

<https://www.mathsgenie.co.uk/scale-drawing.php>

Scale drawing exam questions - Maths Genie:

<https://www.mathsgenie.co.uk/resources/3-scale-drawings.pdf>

Answers:

<https://www.mathsgenie.co.uk/resources/3-scale-drawingsans.pdf>