4 Scale and dimensions

A scale drawing is a drawing that shows a real object with accurate sizes except they have all been reduced or enlarged by a certain amount (called the scale). The scale is shown as the length of the drawing followed by a colon and then the matching length on the real object.

For example, if a drawing has a scale of 1 : 10, then anything drawn with the size of 1 would have a size of 10 in the real world. So a measurement of 150 mm on the drawing would be 1 500 mm on the real object.

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Activity 5 Scale and dimensions

The drawing in **FIGURE 8** shows a front view of the house. It shows how this view can be scaled down. The drawing in **FIGURE 9** shows how this view can be scaled up.

Practise scaling up and scaling down drawings on different objects. Add dimension lines where you are able to measure them.



FIGURE 8 Scaling a drawing down



FIGURE 9 Scaling a drawing up

Submit your drawing to the platform after using the online geometry drawing board.

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Now you are going to follow the instructions given above and upload your drawing to the platform. Using the online geometry link for your drawing.

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