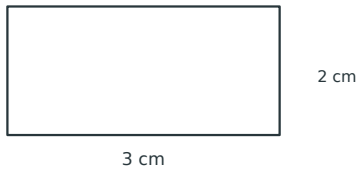


Scale drawing: Beginner

Use the labels, not a ruler. Figures are illustrations, not full-size measurements.

SC01

Scale: 1 cm represents 2 m. Find the actual width and height.



SC02

Scale: 1 cm represents 3 m. Find the actual width and height.



SC03

Scale: 1 cm represents 4 m. Find the actual width and height.



SC04

Scale: 1 cm represents 2 m. Find the actual width and height.



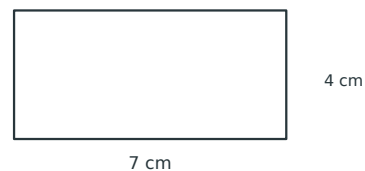
SC05

Scale: 1 cm represents 5 m. Find the actual width and height.



SC06

Scale: 1 cm represents 2 m. Find the actual width and height.



Scale drawing: Intermediate

Use the labels, not a ruler. Figures are illustrations, not full-size measurements.

SC07

An 8 m path is drawn at 1:200. How long is the line on the drawing, in cm?



8 m

actual length

SC08

A drawing is 3.5 cm wide at 1:40. Find the actual width in metres.



3.5 cm

drawing

SC09

A 9 m wall is drawn at 1:75. Find its drawing length in cm.



9 m

actual length

SC10

Scale: 1/4 in represents 1 ft. Draw an 8 ft desk. What length in inches is needed?



8 ft

actual length

SC11

Scale: 1/4 in represents 1 ft. A line on the drawing is 2.5 in. Find the actual length.



2.5 in

drawing

SC12

Scale: 1/2 in represents 1 ft. What drawing dimensions show a 12 ft by 8 ft room?



12 ft

8 ft actual

Scale drawing: Challenge

Use the labels, not a ruler. Figures are illustrations, not full-size measurements.

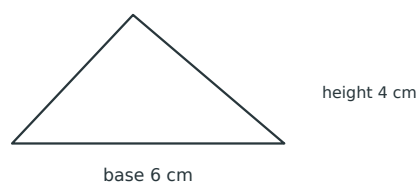
SC13

Scale: 1 cm represents 2 m. Find the actual area of this rectangular garden.



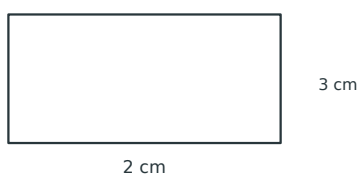
SC14

A triangle has base 6 cm and height 4 cm on a drawing. At 1 cm to 3 m, find actual area.



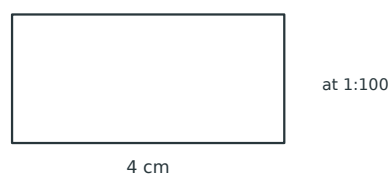
SC15

This rectangle is drawn at 1:50. Find its actual area in square metres.



SC16

A line is 4 cm at 1:100. Redraw the same real object at 1:50. How long is the new line?



SC17

Scale: 1/4 in represents 1 ft. Find the actual area of this room in square feet.



SC18

A shape has area 12 cm^2 . Every length is enlarged by a factor of 3. What is the new area?

