

Map scale & distane

Map scales shows the relationship between distance on the map and the actual distance of a location.

EG 1, lets say the living room in a house in real life is 7.2m

And the length of it in a drawing is 6 cm.find the scale in ratio.

Step 1,convert 7.2m into cm (1m is 100cm) $7.2\text{m}=720\text{cm}$

Step 2,put the values in ratio... $6\text{cm}:720\text{cm}$

Step 3,simplify the values,divide 6 on both sides. $1\text{cm}:120\text{cm}$

Step 4, remove the units, $1:120$ (this is your final answer)

Preview from Notesale.co.uk
Page 2 of 2