2014 GM2 Week 3 Investigation

1 Write each of these scales as a ratio. Show your working.

a 1 cm represents 2 m

b 1 cm represents 10 m

c 1 cm represents 2 km

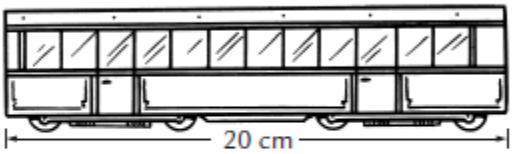
d 1 mm represents 25 cm

e 1 mm represents 60 m

f 1 cm represents 5 km

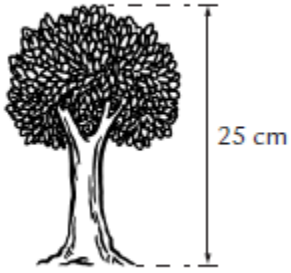
2 Find the scale used in each model. Show your working.

a



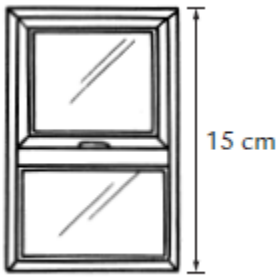
Actual length 15 m

b



Actual height 21 m

c

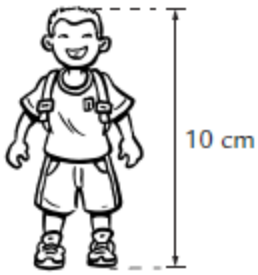


Actual height 2·1 m

d

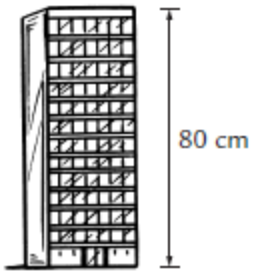
Actual height 300 mm

e



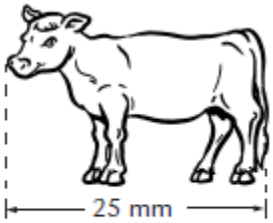
Actual height 150 cm

f



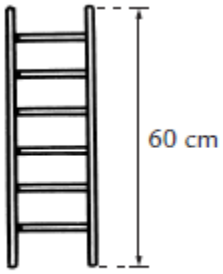
Actual height 80 m

g



Actual length 150 cm

h



Actual length 24 m