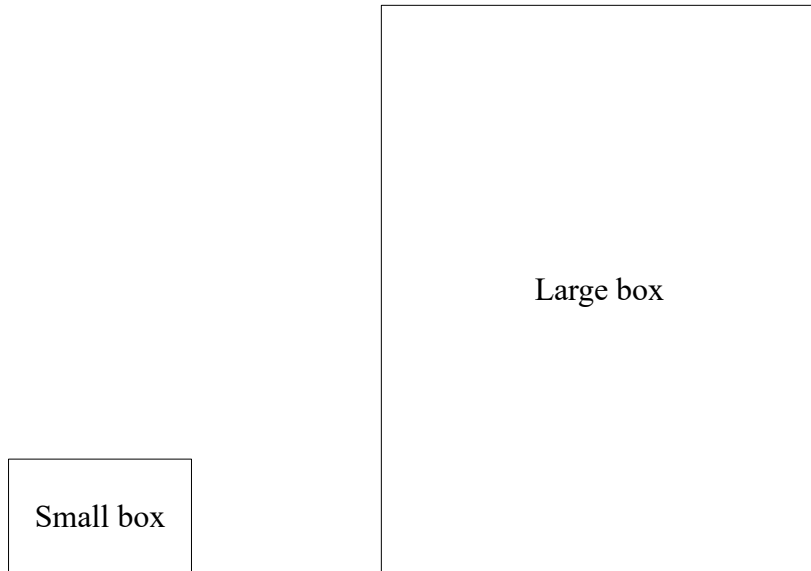**1** The accurate scale drawing shows a small box and a large box
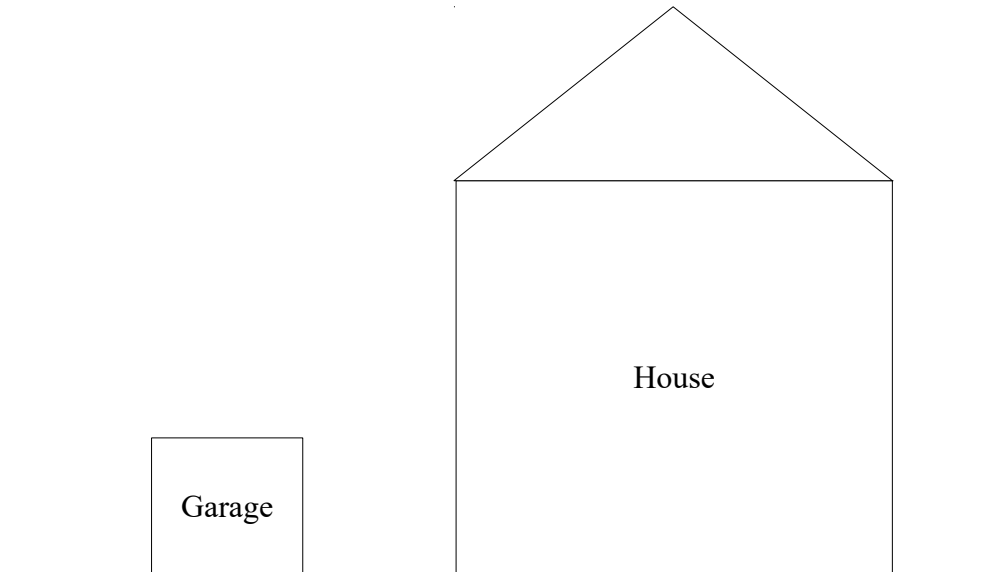
Large box

Small box

The small box has a real height of 20 centimetres.

Find an estimate for the real height of the large box.

…........................… ……….

(Total for question 1 is 2 marks)

2 The accurate scale drawing shows a garage and a house.

House

Garage

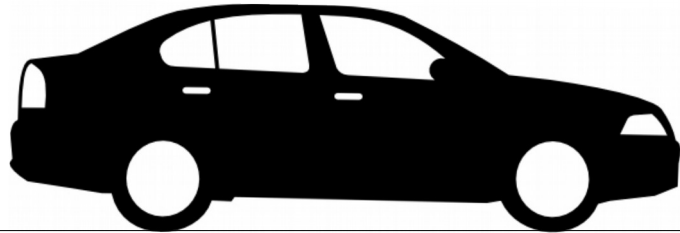The garage has a real height of 2.4 metres.

Find an estimate for the real height, in metres, of the house.

…........................… metres

(Total for question 2 is 2 marks)

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3   The accurate scale drawing shows a car.

The car has a real height of 1.5 metres.
Find an estimate for the real length, in metres, for the car.

…..........................… metres

(Total for question 3 is 2 marks)

4   The accurate scale drawing shows a field.
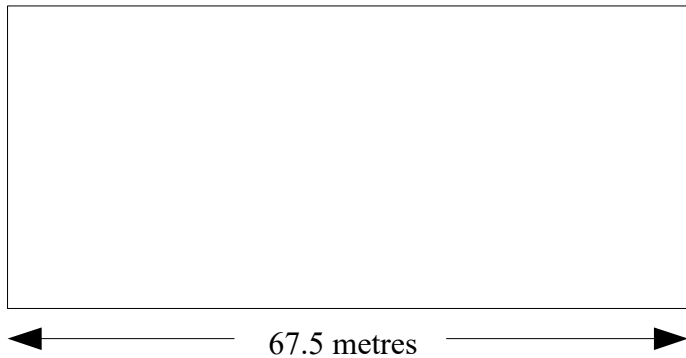
← 67.5 metres →

The field has a real length of 67.5 metres
Find an estimate for the real perimeter of the field.

…..........................… m

(Total for question 4 is 3 marks)

5   The accurate scale drawing shows three towns, Town A, Town B and Town C.

Town A   X

X   Town B

X
Town C

The scale is 1:50000

a) Find the real distance between Town A and Town B, in kilometres.

…..........................… km
(3)

b) Find the real distance between Town A and Town C, in kilometres.

…..........................… km
(3)

(Total for question 5 is 6 marks)

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6 A model car has the length of 8cm.

The scale of the model is 1:50

Work out the length of the real car.
Give your answer in metres.

…........................m

(Total for question 6 is 2 marks)

7 A map has the scale of 1:50000

The distance between two points on the map is 10 cm.

Work out the real distance between the two points.
Give your answer in kilometres.

...............................km

(Total for question 7 is 3 marks)

8 A model plane has the length of 20cm.

The scale of the model is 1:380

Work out the length of the real plane.
Give your answer in metres.

…......................m

(Total for question 8 is 2 marks)

9 A map has the scale of 1:75000

The distance between two points on the map is 12 cm.

Work out the real distance between the two points.
Give your answer in kilometres.

...............................km

(Total for question 9 is 3 marks)

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