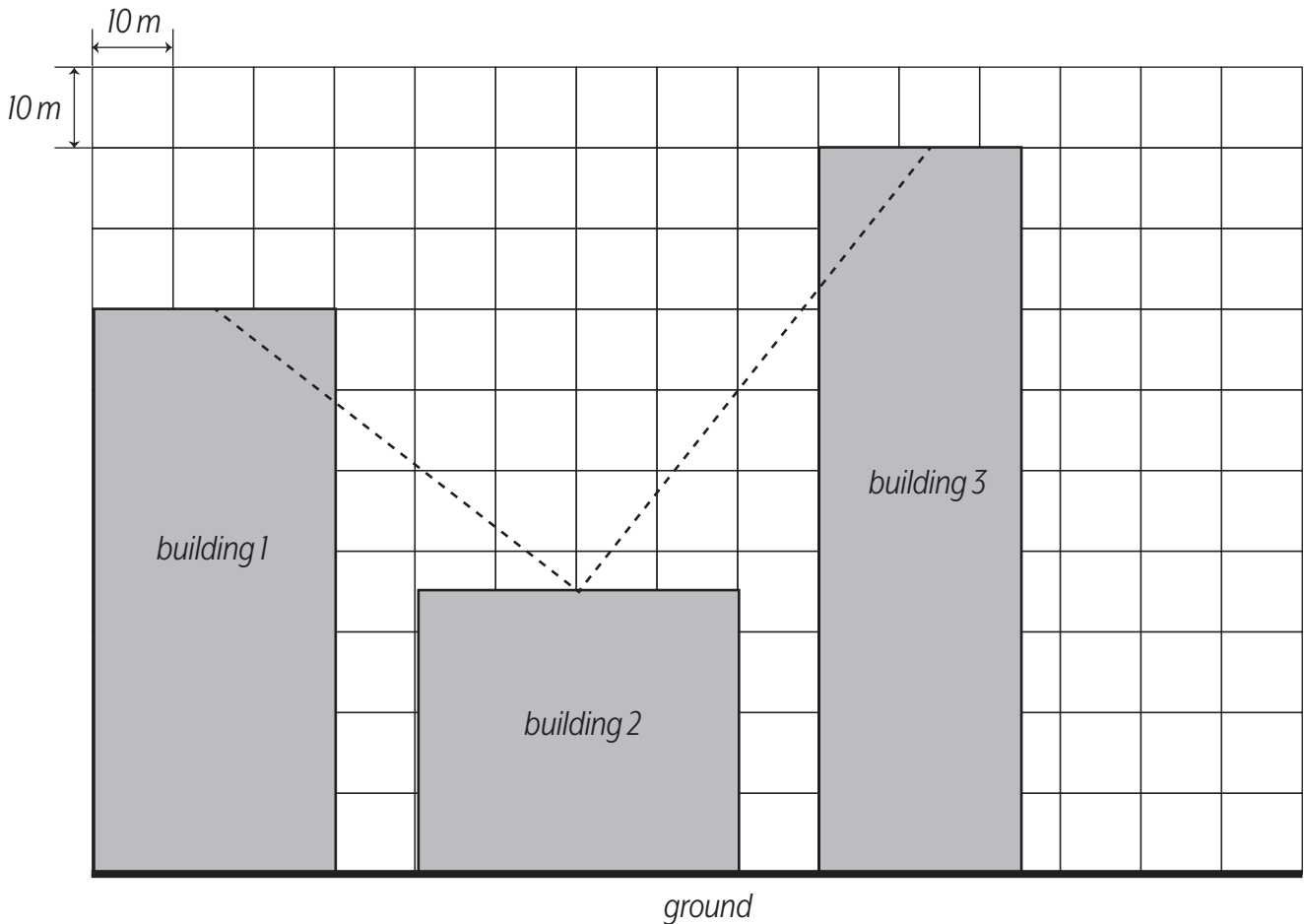


Name: \_\_\_\_\_

# Scaled Drawings - metres

Emma drew a scaled drawing of the height of some buildings on grid paper.

Each grid represents 10 x 10 metres.



## Question 1

In metres, what is the height of building 1? \_\_\_\_\_

## Question 2

What is the difference in height between building 1 and building 3? \_\_\_\_\_

## Question 3

Building 2 is being renovated. After the renovation its height will be 50 metres.

About how many metres are being added to building 2 as part of the renovation? \_\_\_\_\_

## Question 4

Building 3 is a 15-storey building. The height of each storey is the same.

What is the height of each storey of the building? \_\_\_\_\_

## Question 5

Two lengths of wire are joined to the top of each building, as shown by the dotted lines.

What is the total length of both lengths of wire? \_\_\_\_\_

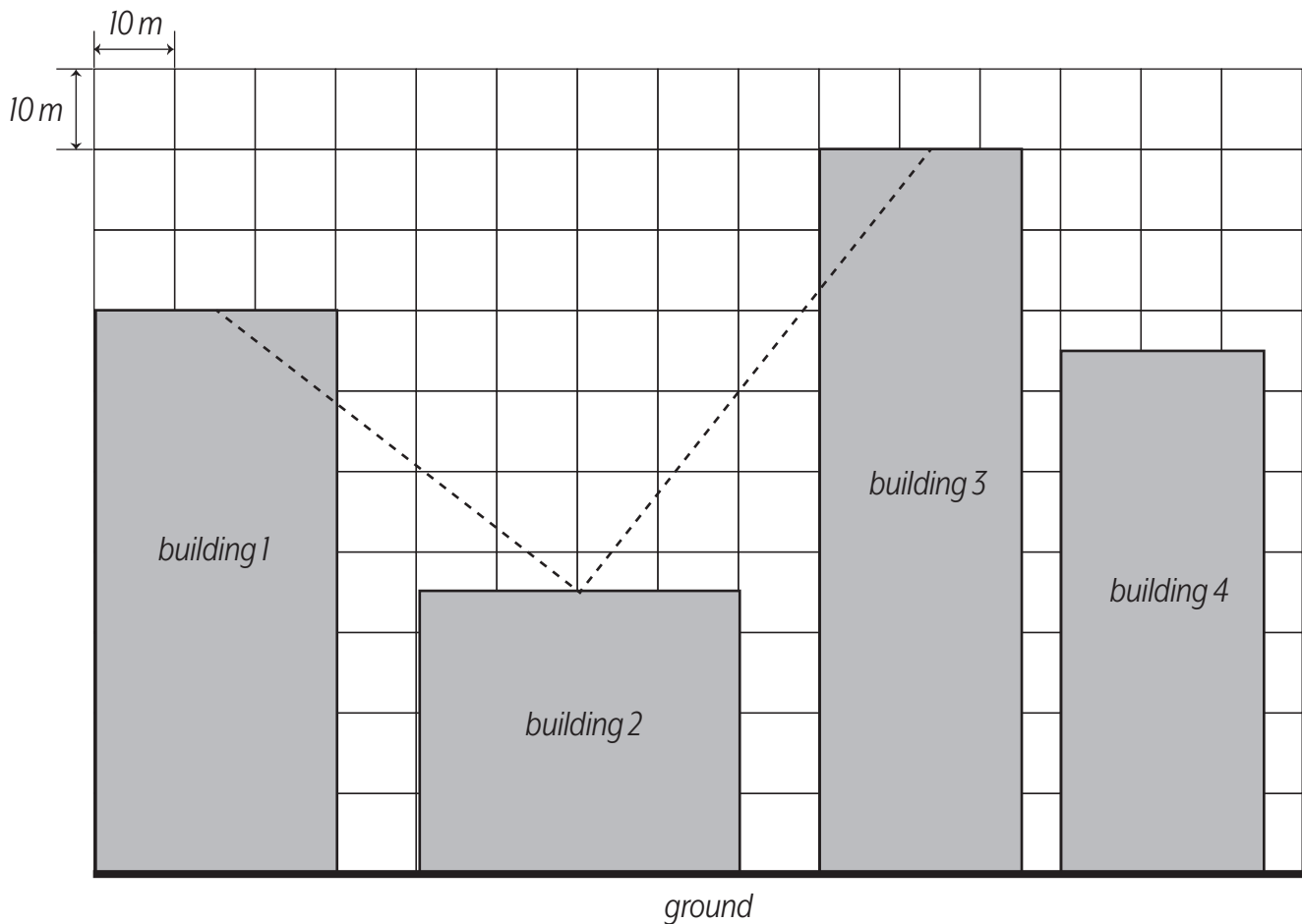
Explain how you found your answer. \_\_\_\_\_

\*\*Draw a fourth building that is about 25 metres wide and 65 metres tall.

# Scaled Drawings - metres

Emma drew a scaled drawing of the height of some buildings on grid paper.

Each grid represents 10 x 10 metres.



## Question 1

In metres, what is the height of building 1? 70 m

## Question 2

What is the difference in height between building 1 and building 3? 20 m

## Question 3

Building 2 is being renovated. After the renovation its height will be 50 metres.

About how many metres are being added to building 2 as part of the renovation? 15 m

## Question 4

Building 3 is a 15-storey building. The height of each storey is the same.

What is the height of each storey of the building? 6 m

## Question 5

Two lengths of wire are joined to the top of each building, as shown by the dotted lines.

What is the total length of both lengths of wire? 130 m

Explain how you found your answer. I used a ruler to measure the length of each line, then used the grid to work out how many metres it represents.

\*\*Draw a fourth building that is about 25 metres wide and 65 metres tall.