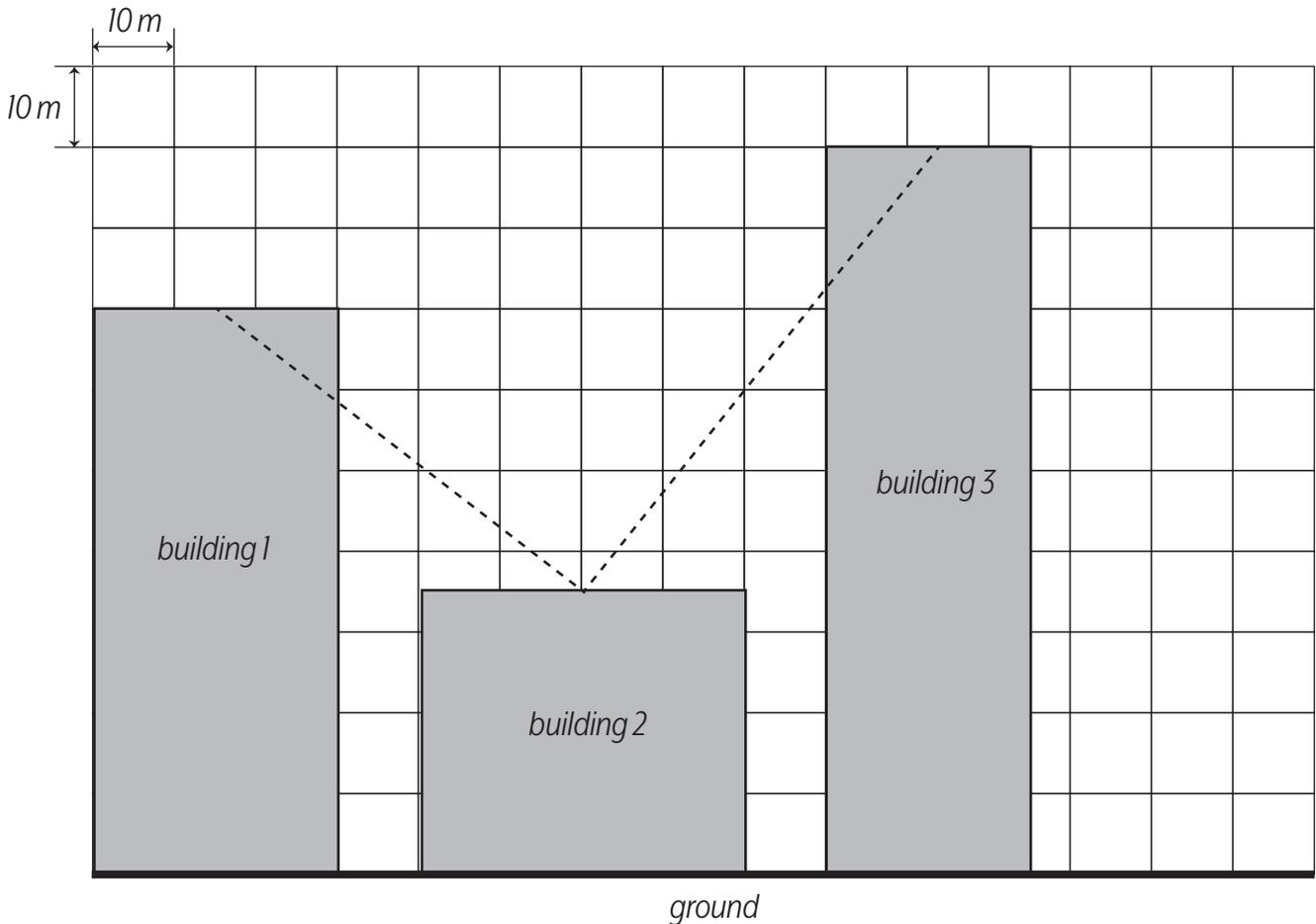


Name: _____

Scaled Drawings - meters

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

Each grid represents 10 x 10 meters.



Question 1

In meters, 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 meters.

About how many meters are being added to building 2 as part of the renovation? _____

Question 4

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

What is the height of each story 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? _____

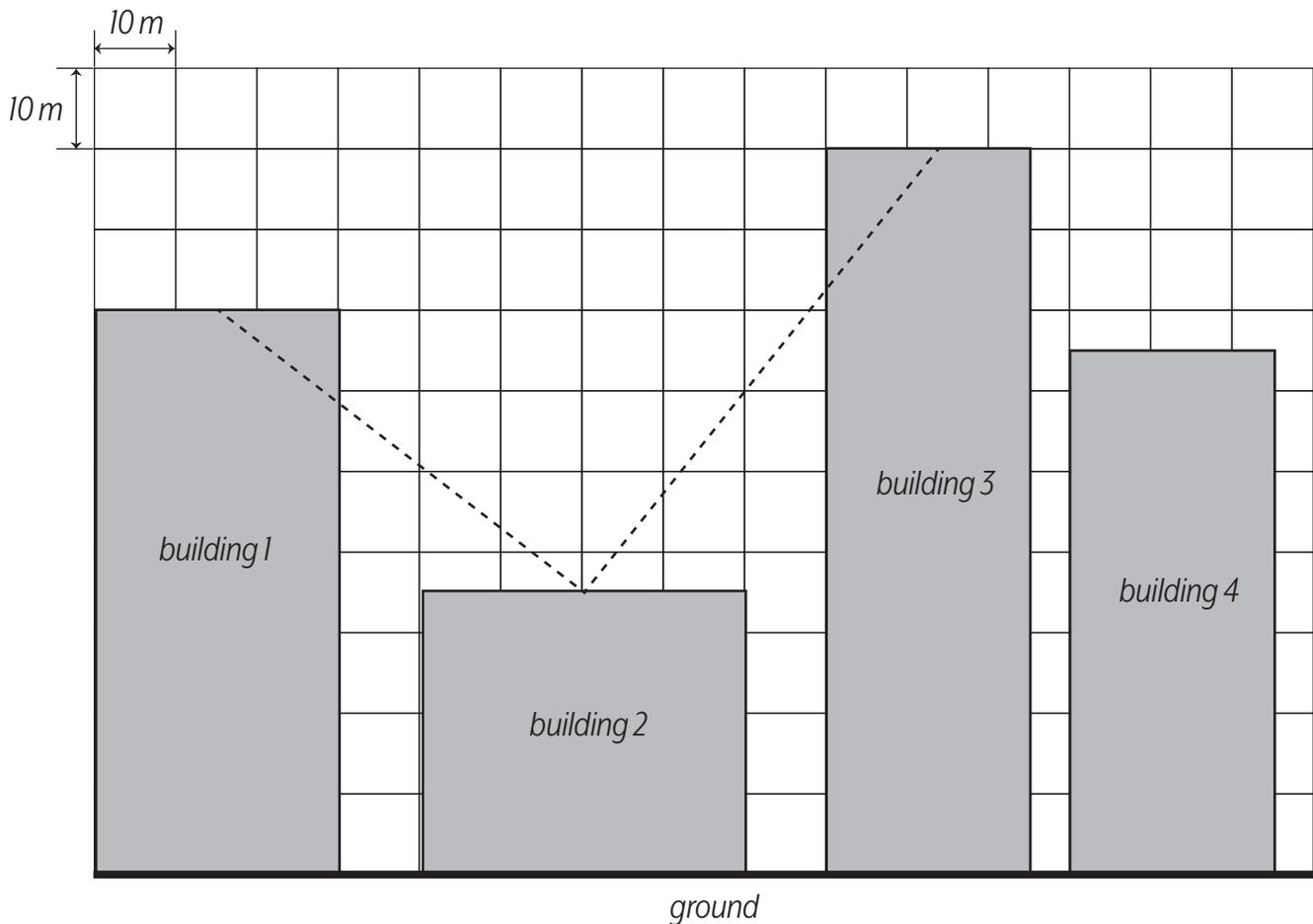
Explain how you found your answer. _____

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

Scaled Drawings - meters

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

Each grid represents 10 x 10 meters.



Question 1

In meters, 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 meters.

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

Question 4

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

What is the height of each story 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 meters it represents.

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