

Converting Scale Measurements Into Real-Life Measurements

I can convert scale measurements into real-life measurements.

Look at the building below. Included on the diagrams are measurement lines. The scale used is:

1cm : 2m



1a. What is the height of the building on the blueprint?

1b. What is actual height of the building?

2a. What is the width of the building on the blueprint?

2b. What is the actual width of the building?

3a. What is the width of the stables on the blueprint?

3b. What is the actual width of the stables?

4. Choose two measuring points on the building and draw on the measurement lines to the closest cm. Number your measurement lines. Once you have drawn 3 measurement lines, complete the table.

Measurement line	Measurement on the Blueprint	Actual measurement of the building
1		
2		
3		

Converting Scale Measurements Into Real-Life Measurements Answers

1a. What is the height of the building on the blueprint?

5.5cm

1b. What is actual height of the building?

11m

2a. What is the width of the building on the blueprint?

18.5cm

2b. What is the actual width of the building?

37m

3a. What is the width of the stables on the blueprint?

5.5cm

3b. What is the actual width of the stables?

11m

4. Answers will vary.