

English for Biology

(3rd year Bachelor of Microbiology)

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Dimensions can be expressed by 4 different structures

It **is** 56 m | **in height**
 | in width
 | in depth
 | in diameter

It **is** 56 m | **high**
 | wide
 | long
 | thick

Its | radius **is** 5 m
 | length
 | cross-section
 | circumference

It has | **a diameter of** 10 m
 | a length of
 | a weight of

Other measurments

* Area

To obtain the area, you **multiply** the length **by** the width.

It measures 10 cm **by** 10 cm.

The area is 100 cm² (a hundred **square** cm).

πr^2 (**pi r squared**)

\sqrt{x} (the square root of x)

* Volume

The volume is 1,000 cm³ (a thousand **cubic centimetres**).

x^3 (**x cubed**) • $\sqrt[3]{y}$ (the cube root of y)

* Power

x^9 (**x to the power nine** / x to the ninth)

x^{-9} (x to the **power minus nine** / x to the **minus ninth**)

Approximate measurments

These can be expressed by means of **adverbial modifiers**.

It is **approximately** 5 cm long
 about / roughly / more or less
 almost / nearly
 a little over / slightly under

Questions?

It weighs 10 kg

How heavy is it? / How much does it weigh? / What does it weigh?

It is 5 km away

How far (away) is it? / How many kilometres away is it? / What is the distance?