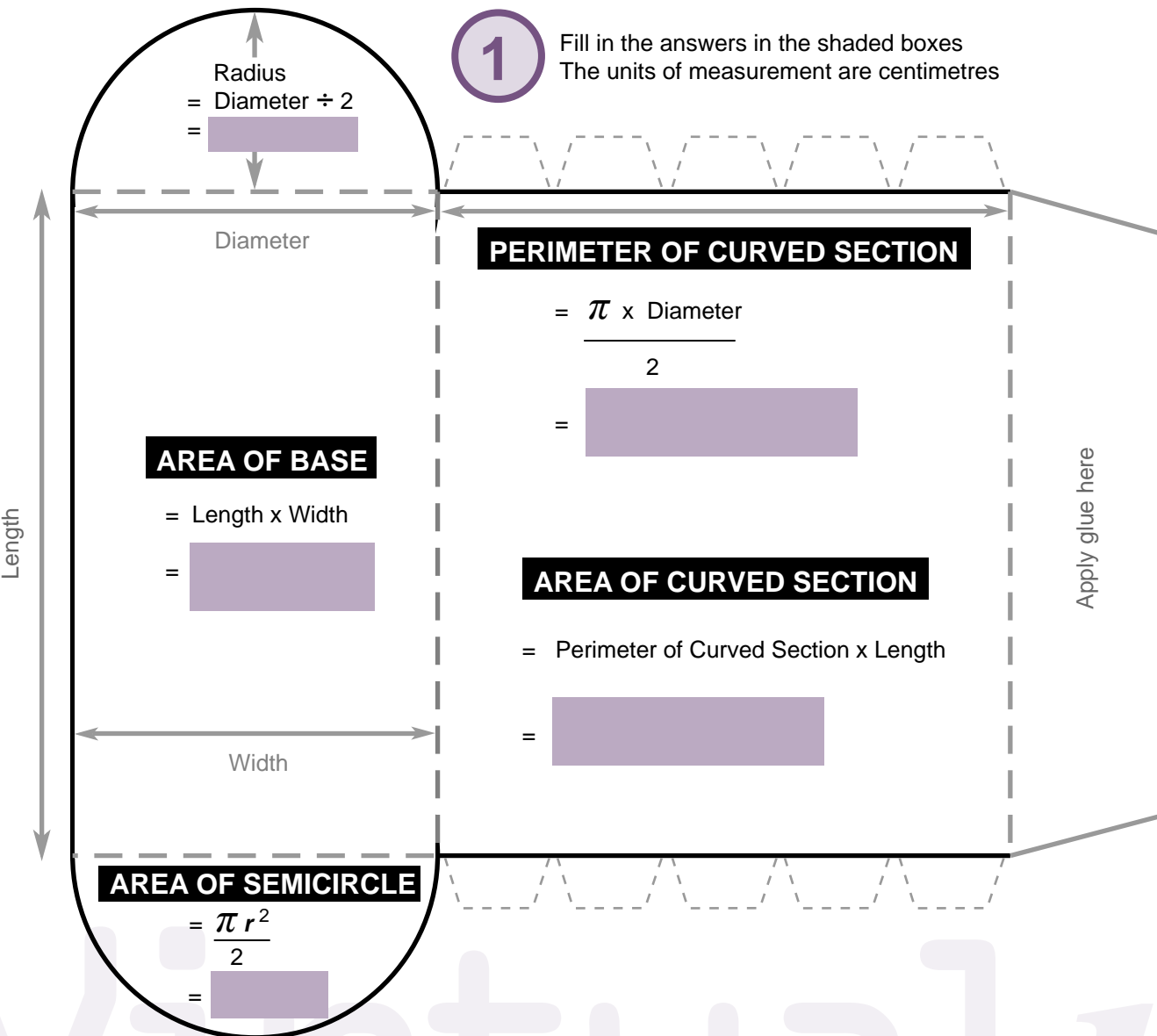


# Surface area of a semicylinder

<http://www.virtualmaths.org/activities/shapes/semicylinder>

Virtualmaths

[www.virtualmaths.org](http://www.virtualmaths.org)



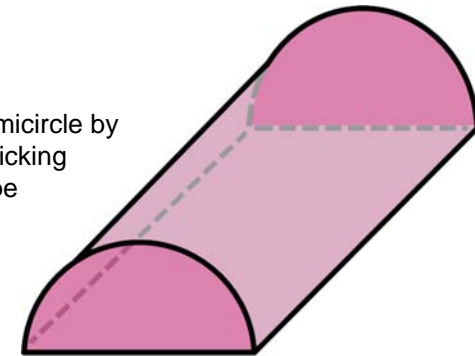
1 Fill in the answers in the shaded boxes  
The units of measurement are centimetres

$$\pi = 3.14$$

Pi

2

Assemble the semicylinder by cutting out and sticking together the shape on the left



3

Calculate the total surface area of the semicylinder by adding together:

AREA OF CURVED SECTION

AREA OF BASE

AREA OF 2 SEMICIRCLES

*total area* =