

Examples

Workout



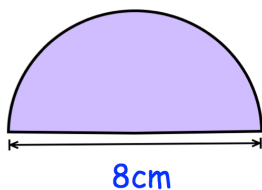
Click here



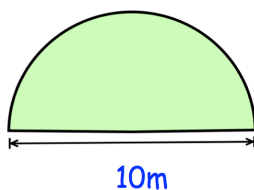
Scan here

Question 1: Calculate the perimeter of each of these semi-circles.  
Give your answers to 1 decimal place and include suitable units.

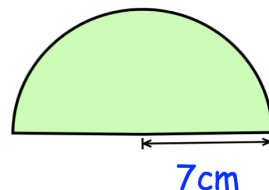
(a)



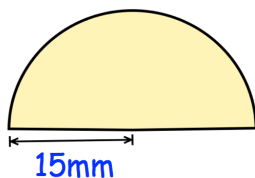
(b)



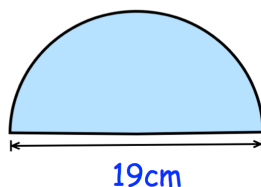
(c)



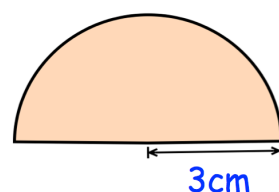
(d)



(e)

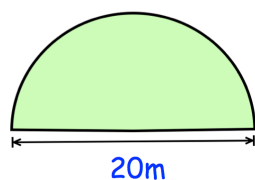


(f)

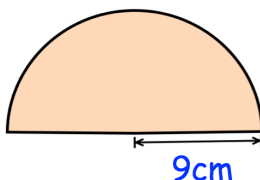


Question 2: Work out the perimeter of each of these semi-circles.  
Give your answers in terms of  $\pi$  and include suitable units.

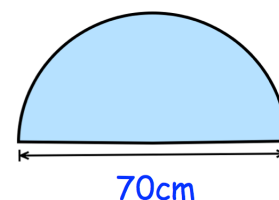
(a)



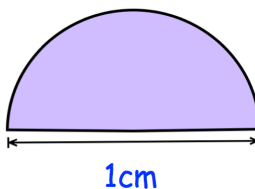
(b)



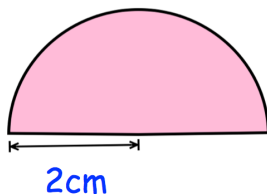
(c)



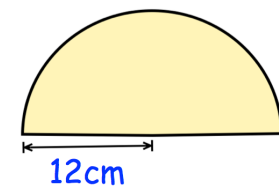
(d)



(e)

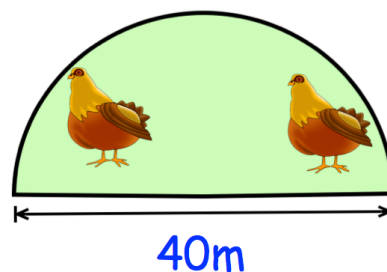


(f)



Apply

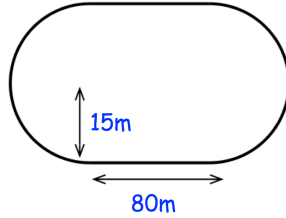
Question 1: Farmer Jones is building a pen for his chickens.  
Each metre of fencing costs £3  
Work out the total cost of building the pen.



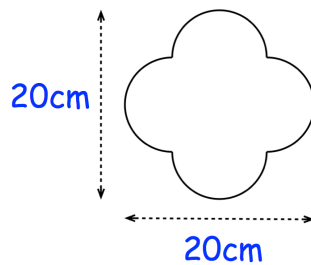
## Perimeter: Semi-Circle

Video 62 on [www.corbettmaths.com](http://www.corbettmaths.com)

Question 2: Newtown Primary School has a running track.  
Calculate the distance around the running track.

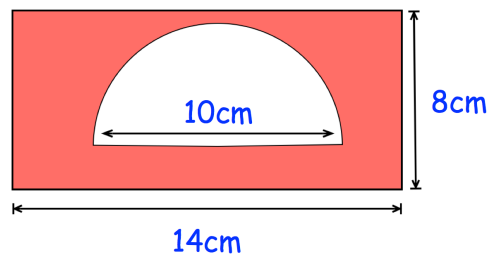


Question 3: Calculate the perimeter of this shape



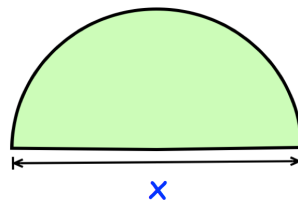
Question 4: Jamie makes a picture frame by cutting a semi-circle out of a rectangular piece of wood. The picture will be placed in the semi-circular region.

Jamie wants to put gold trim around entire picture frame and also around the picture. What length of gold trim does Jamie need?



Question 5: A semi-circle has a perimeter of 80cm.  
Calculate x

Perimeter = 80cm



Answers

