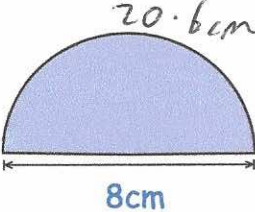
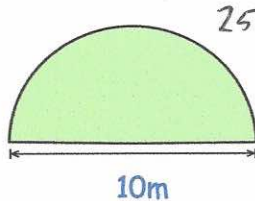
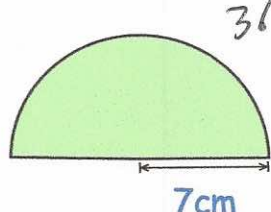
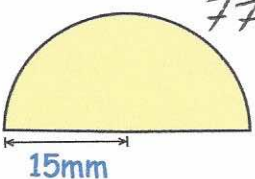
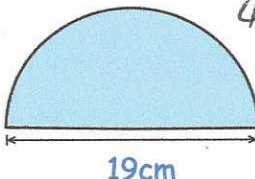
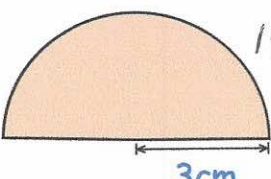


Perimeter: Semi-Circle

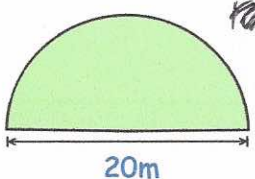
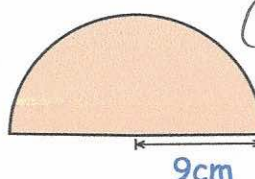
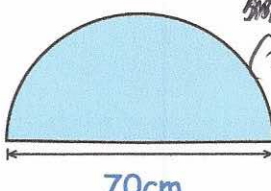
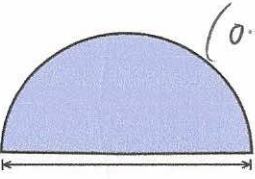
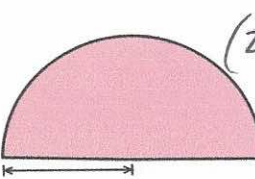
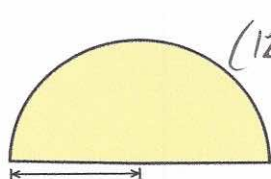
Video 62 on www.corbettmaths.com

Workout

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

<p>(a) </p>	<p>(b) </p>	<p>(c) </p>
<p>(d) </p>	<p>(e) </p>	<p>(f) </p>

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

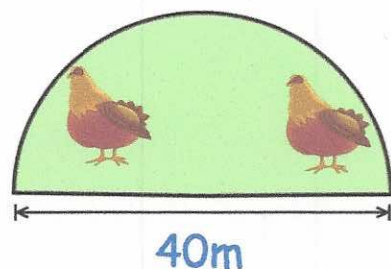
<p>(a) </p>	<p>(b) </p>	<p>(c) </p>
<p>(d) </p>	<p>(e) </p>	<p>(f) </p>

Apply

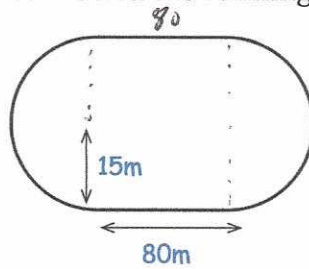
Question 1: Farmer Jones is building a pen for his chickens.
Each metre of fencing costs £3
Work out the total cost of building the pen.

$$P = 102.83 \dots$$

$$£ 308.50$$

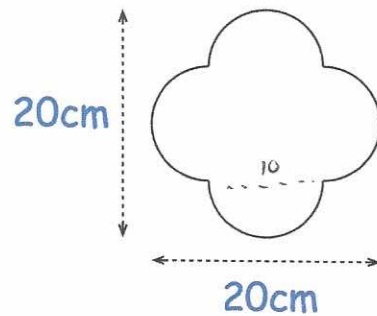


Question 2: Newtown Primary School has a running track.
Calculate the distance around the running track.



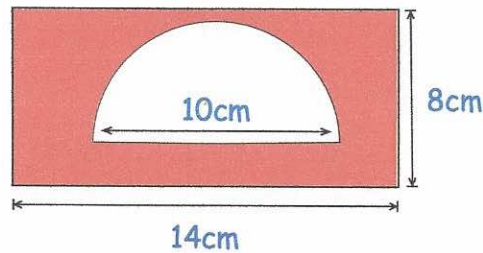
254.25m

Question 3: Calculate the perimeter of this shape



62.83 cm

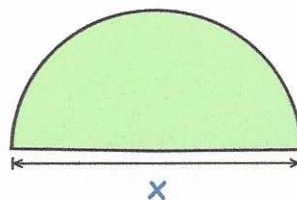
Question 4: Calculate the perimeter of the red shape.



69.7 cm

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

Perimeter = 80cm



31.119 cm