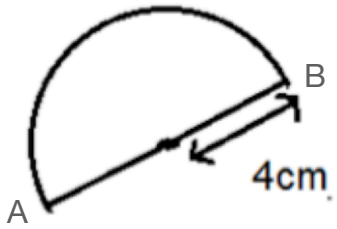
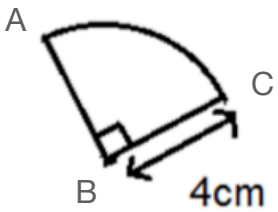
1



Diameter	Circumference of whole circle	Fraction of circumference needed	Length of part of circle
$diameter = 2 \times 4$ $diameter = 8cm$	$C = \pi \times d$ $C = 3.14 \times 8$ $C = 25.12cm$	$\frac{1}{2}$	$Arc = 25.12 \div 2$ $Arc = 12.56cm$

Other length(s) to be included	Total
$LineAB = 8cm$	$Total = 12.56 + 8$ $Total = 20.56cm$

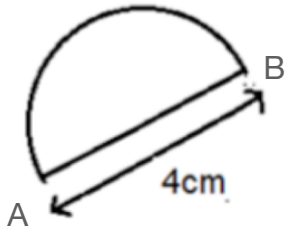
2



Diameter	Circumference of whole circle	Fraction of circumference needed	Length of part of circle
		$\frac{1}{4}$	

Other length(s) to be included	Total
$LineAB =$ $LineBC =$	

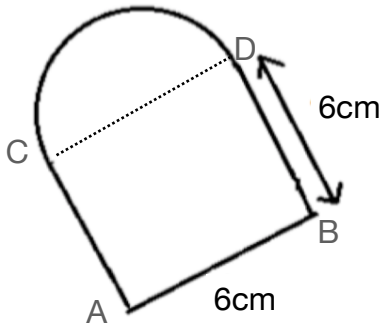
3



Diameter	Circumference of whole circle	Fraction of circumference needed	Length of part of circle

Other length(s) to be included	Total

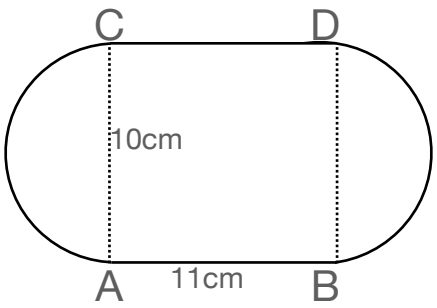
4



Diameter	Circumference of whole circle	Fraction of circumference needed	Length of part of circle

Other length(s) to be included	Total
$LineAB =$ $LineBD =$ $LineAC =$	

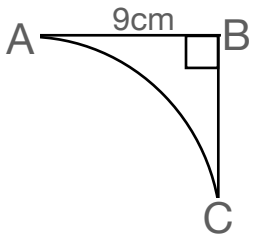
5



Diameter	Circumference of whole circle	Fraction of circumference needed	Length of part of circle

Other length(s) to be included	Total

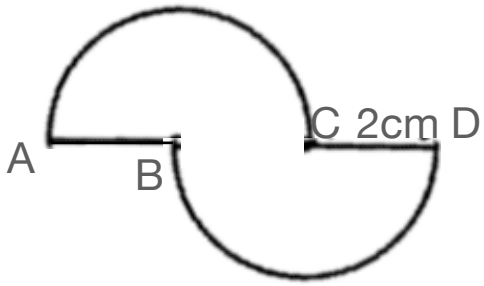
6



Diameter	Circumference of whole circle	Fraction of circumference needed	Length of part of circle

Other length(s) to be included	Total

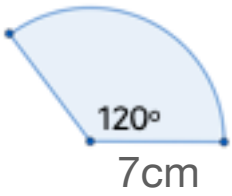
7



Diameter	Circumference of whole circle	Fraction of circumference needed	Length of part of circle

Other length(s) to be included	Total

8



Diameter	Circumference of whole circle	Fraction of circumference needed	Length of part of circle

Other length(s) to be included	Total