



Maths
Junior Certificate
Ordinary Level

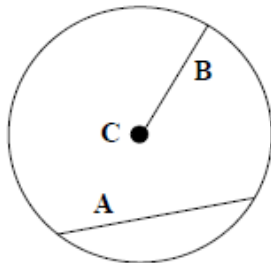
Past Exam Questions on
PM Geometry

Q12 2013 Paper 2 Section A

Question 12

(suggested maximum time: 15 minutes)

(a) Choose the correct terms for A, B and C from the following list:



radius

diameter

circumference

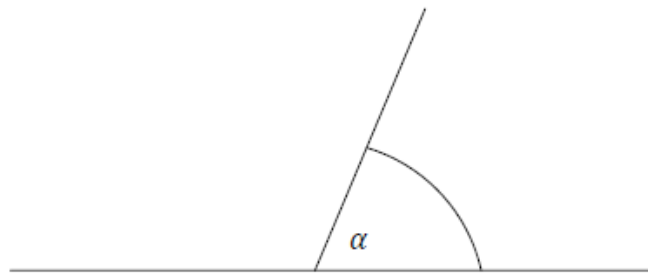
centre

chord

Write the answers into the grid.

A	
B	
C	

- (d) Cian used a protractor to measure the angle α in the diagram below. His answer was 100° .

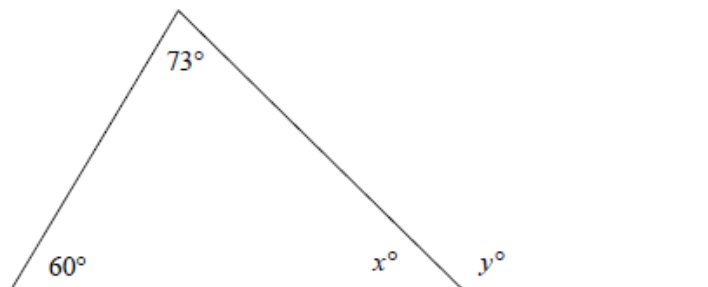


Do you agree or disagree with Cian's measurement? Give a reason for your answer.

Agree Disagree

Reason	

- (e) Theorems on your course can be used to find the measure of the angles in the diagram below. Write down, in your own words, any theorem that you could use to find one of the missing angles.



Theorem	

- (f) Find the measure of each of the missing angles in the diagram in part (e) above. Show your calculations.

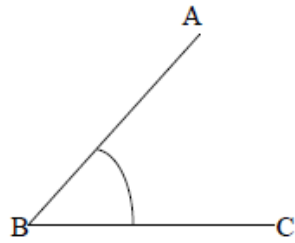
$x^\circ =$		$y^\circ =$	

Q9 2012 Sample Paper

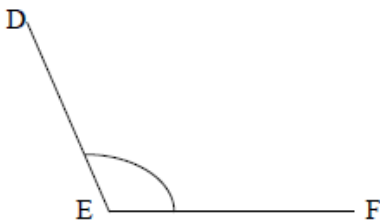
Question 9

(Suggested maximum time: 5 minutes)

- (a) Use a protractor to measure the angles $\angle ABC$ and $\angle DEF$.

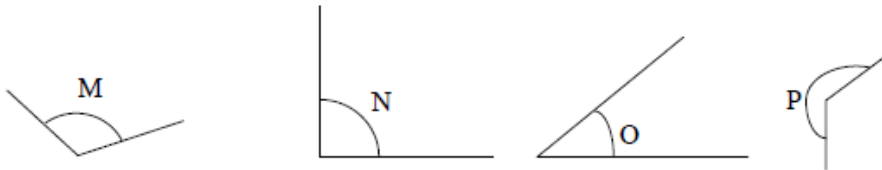


$$|\angle ABC| = \underline{\hspace{2cm}}$$



$$|\angle DEF| = \underline{\hspace{2cm}}$$

- (b) The four angles $\angle M$, $\angle N$, $\angle O$ and $\angle P$ are shown in the diagrams below.



Starting with the smallest, put the four angles in order.

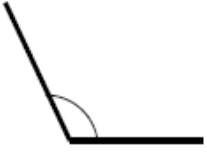
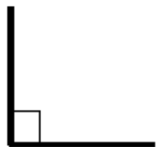

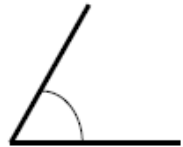
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Q9 2012 Paper 2

Question 9

(suggested maximum time: 5 minutes)

- (a) Four angles are shown below. Write in the space below each diagram whether the angle is straight, acute, obtuse, right or reflex.

- (b) In the diagram below $l_1 \parallel l_2$. Write the measure of each angle shown by an empty box into the diagram, without using a protractor.

