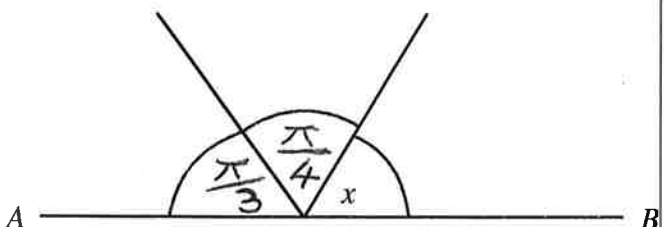
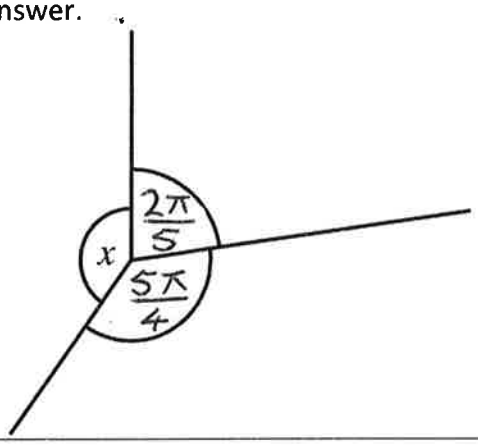
AS radians review questions

RED: Start here if you are unsure

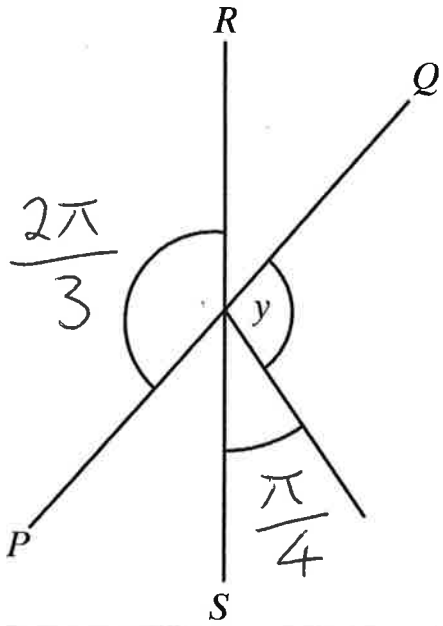
Work out the size of angle x. Give a reason for your answer.



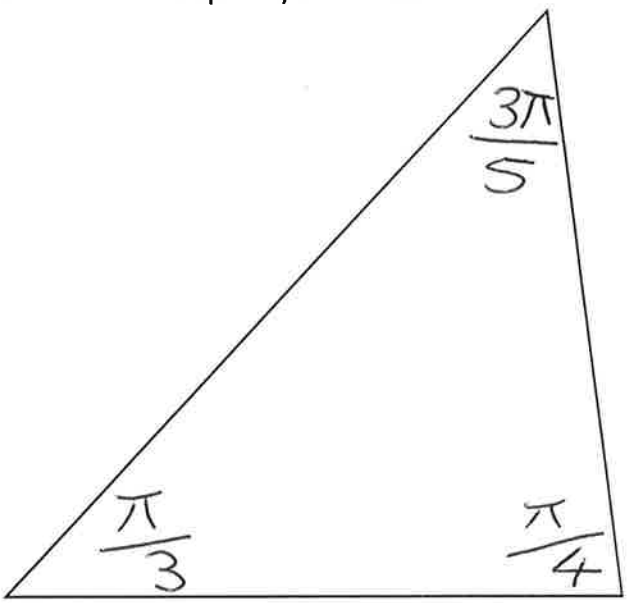
Work out the size of angle x. Give a reason for your answer.



Work out the size of angle y. Give a reason for your answer.

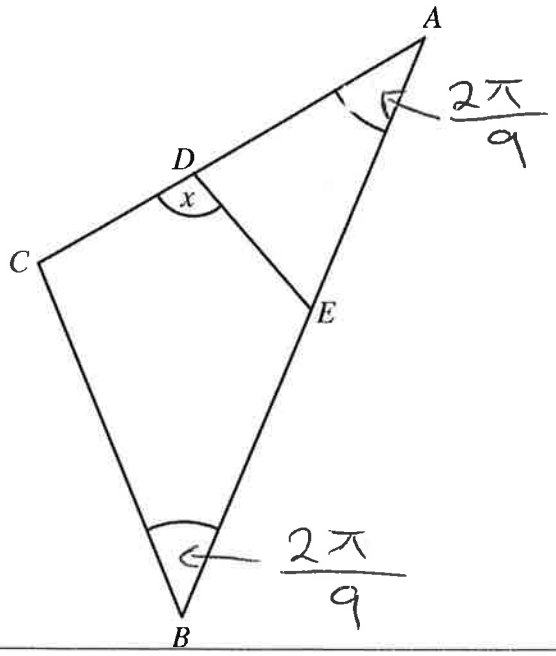


Is it possible for a triangle to have angles of the sizes shown? Explain your answer.

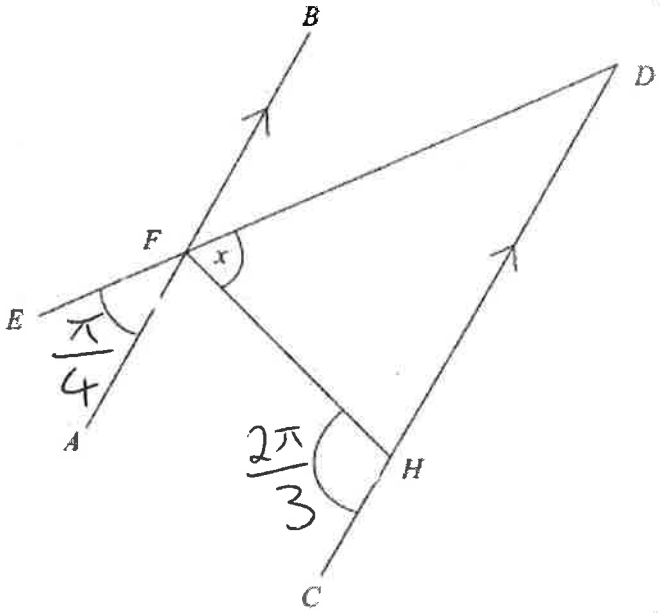


ABMBER: Feeling ok with this

ABC is an isosceles triangle. *BCDE* is a kite. Work out the value of *x*.

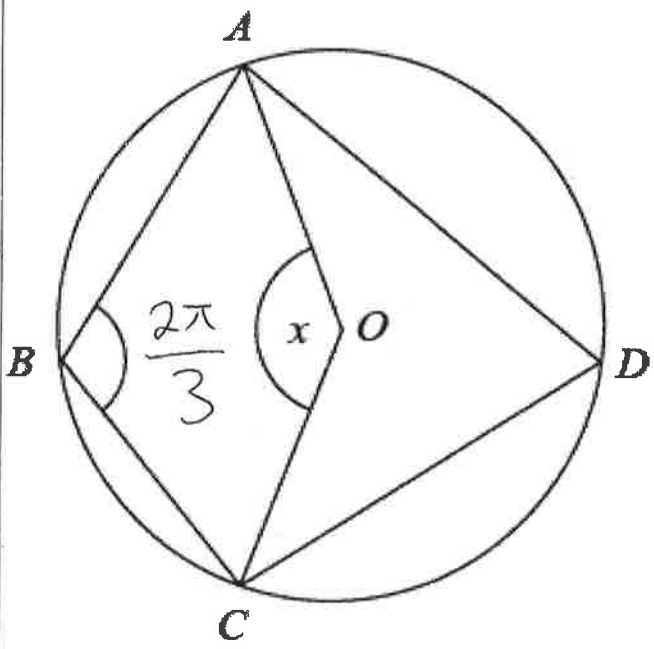


Work out the size of angle x. Give a reason for your answer.

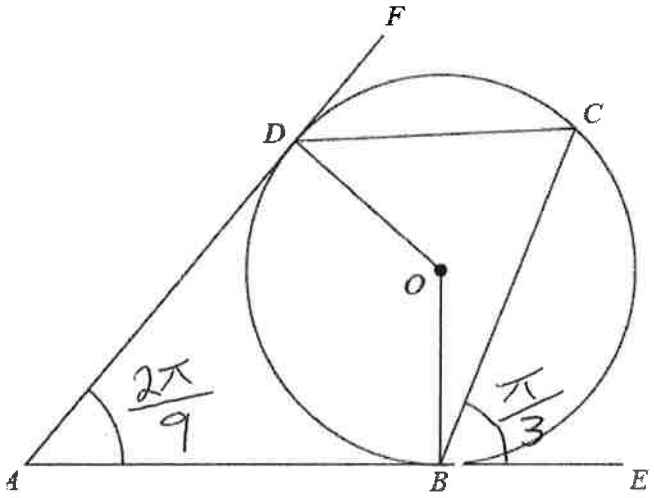


ABMBER: Feeling ok with this

A, B, C and D are points on the circumference of a circle with centre O. Find the size of the angle marked x. Give reasons for your answer.

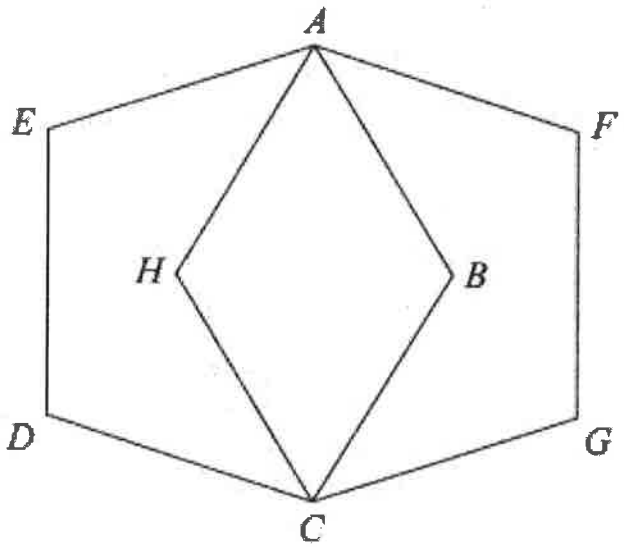


B, C and D are points on the circumference of a circle, centre O. AB and AD are tangents to the circle. Work out the size of angle BCD. Give reasons for your answer.



GREEN: Super confident

ABCDE and AFGCH are regular pentagons.
The two pentagons are the same size.
Work out the size of angle EAH.
You must show how you got your answer.



The diagram shows two regular shapes.
Work out the size of the angle marked x.
You must show how you got your answer.