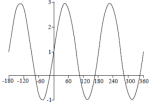


IB Functions Problem 018

Let the function be $y = a \sin 2x + c$, $-180 \leq x \leq 180$, where x is measured in degrees.



the function is shown below.

- A. Write down:
- the period of this function;
 - the amplitude of this function.
- B. Find the values of a and of c .
- C. Find the x -intercept of the curve with the negative part of the x -axis.