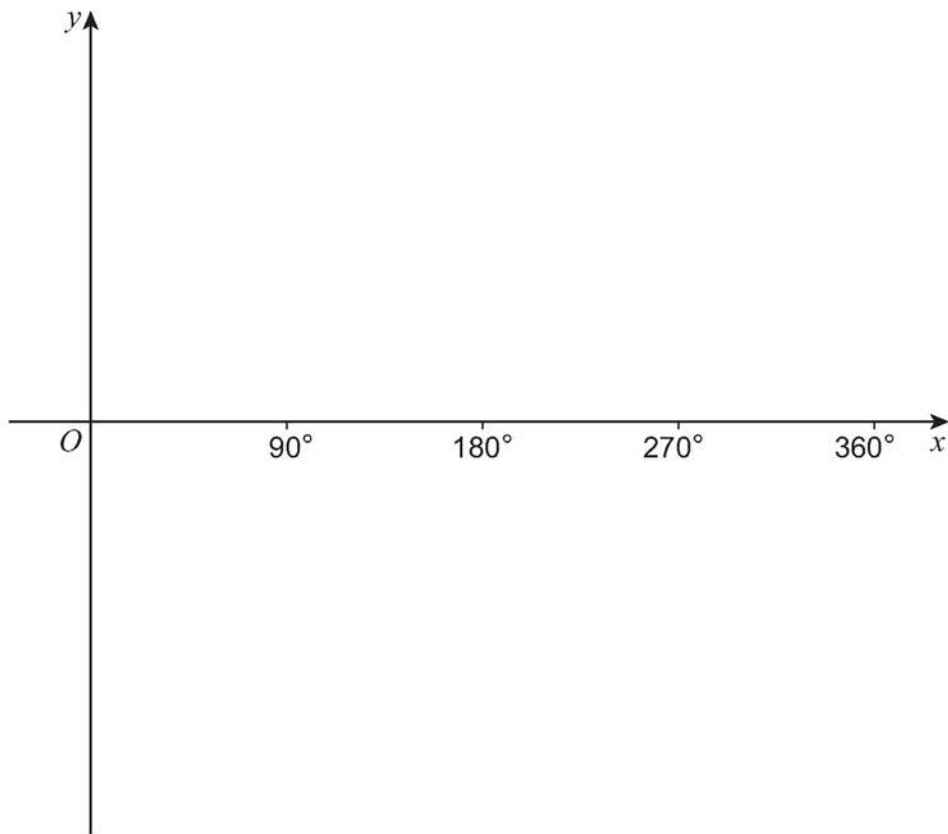


5 (a) Sketch the graph of

$$y = \sin 2x$$

for $0^\circ \leq x \leq 360^\circ$



[2 marks]

5 (b) The equation

$$\sin 2x = A$$

has exactly two solutions for $0^\circ \leq x \leq 360^\circ$

State the possible values of A .

[1 mark]