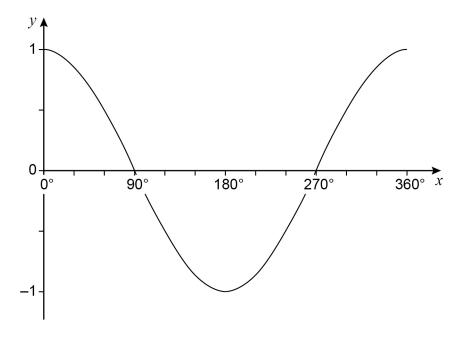
Do not write outside the box

Here is a sketch of the graph of  $y = \cos x$  for values of x from 0° to 360°



25 (	(a)	$\cos x = \cos x$	60°

Work out the value of x when  $90^{\circ} \leqslant x \leqslant 360^{\circ}$ 

[1 mark]

Answer	degrees

**25 (b)** 
$$\cos x = -\cos 60^{\circ}$$

Work out the value of x when  $180^{\circ} \leqslant x \leqslant 360^{\circ}$ 

[1 mark]

Anguer	dograda
Answer	degrees

