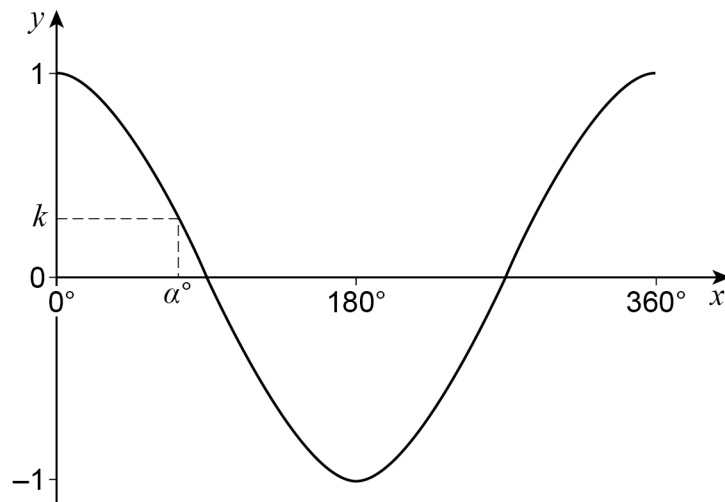


27 Here is a sketch of $y = \cos x$ for values of x from 0° to 360°



α° is an acute angle.

$$\cos \alpha^\circ = k$$

27 (a) Circle the value of $\cos(180^\circ - \alpha^\circ)$

[1 mark]

$1 - k$

k

$-k$

$-1 - k$

27 (b) Circle the value of $\cos(360^\circ + \alpha^\circ)$

[1 mark]

$k - 1$

$k + 1$

$-k$

k

END OF QUESTIONS

