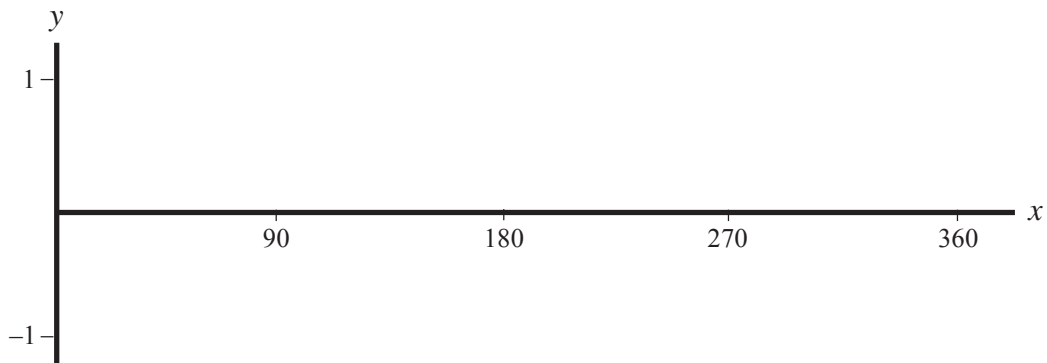


## Trigonometric Graphs

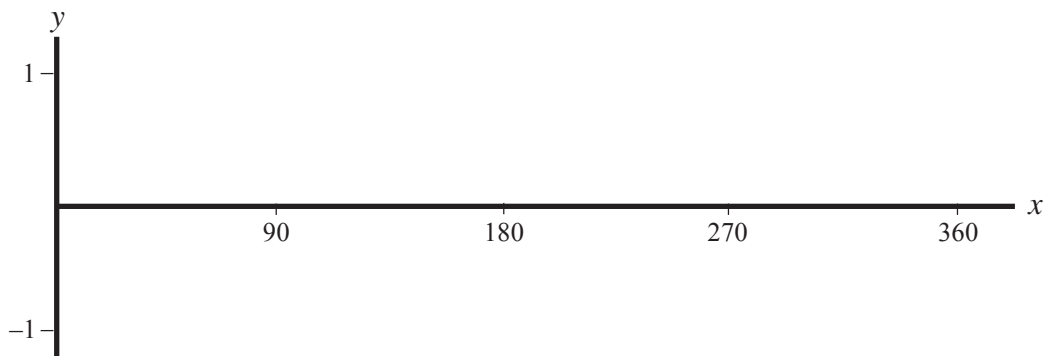
- 1) On the axes below, draw a sketch-graph to show  $y = \sin x$



Given that  $\sin 30^\circ = 0.5$ , write down the value of:

- (i)  $\sin 150^\circ$
- (ii)  $\sin 330^\circ$

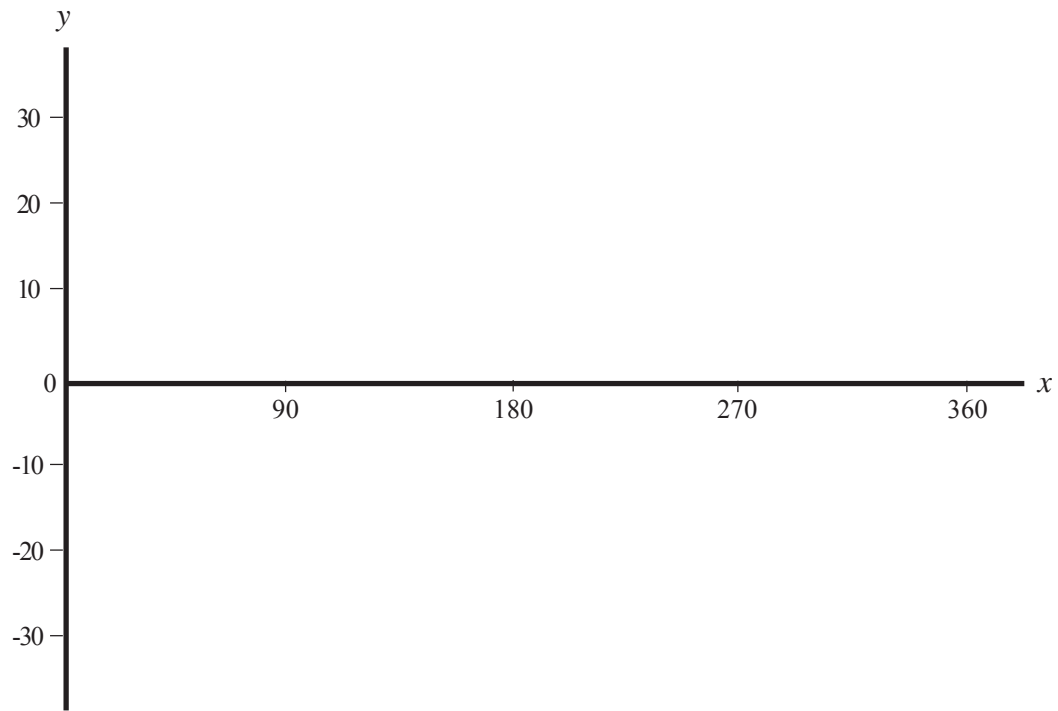
- 2) On the axes below, draw a sketch-graph to show  $y = \cos x$



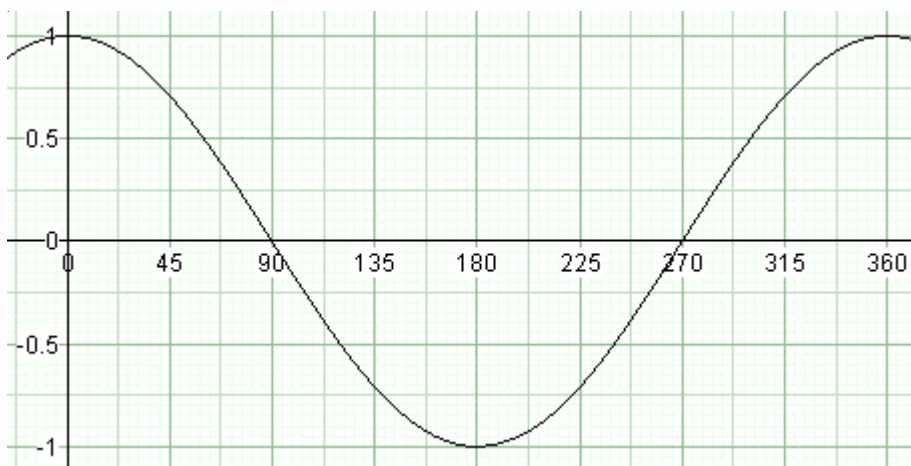
Given that  $\cos 60^\circ = 0.5$ , write down the value of:

- (i)  $\cos 120^\circ$
- (ii)  $\cos 240^\circ$

- 1) On the axes below, draw a sketch-graph to show  $y = \tan x$



- 2) Here is the graph of the curve  $y = \cos x$  for  $0 \leq x \leq 360^\circ$ .



- a) Use the graph to solve  $\cos x = 0.75$  for  $0 \leq x \leq 360^\circ$   
 b) Use the graph to solve  $\cos x = -0.75$  for  $0 \leq x \leq 360^\circ$