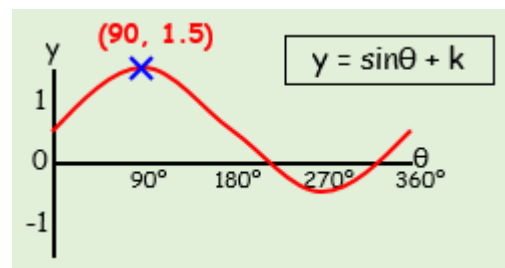# 9G Graphical Transformations of Trigonometric Graphs

1. The graph shows the Function:
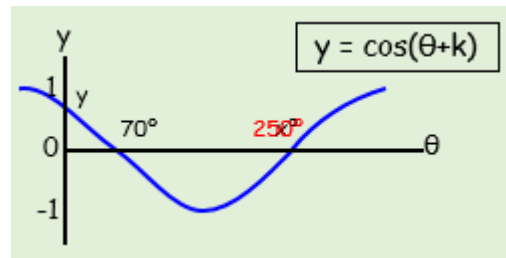
   f(x) = Sinθ + k

a) Write down the value of k

b) What is the smallest positive value of θ that gives a minimum point?

c) What is the value of Sinθ at this point?

2. The graph shows the Function:

   f(x) = Cos(θ + k)

a) Write down the value of k

b) What is the value of θ at x?

c) What are the coordinates of the minimum?

d) What is the value of Cosθ at y?