**9G Graphical Transformations of Trigonometric Graphs**

1. The graph shows the Function:

 f(x) = Sinθ + k



1. Write down the value of k
2. What is the smallest positive value of θ that gives a minimum point?
3. What is the value of Sinθ at this point?
4. The graph shows the Function:

 f(x) = Cos(θ + k)



1. Write down the value of k
2. What is the value of θ at x?
3. What are the coordinates of the minimum?
4. What is the value of Cosθ at y?