**MATHS**

Over all real numbers, find the minimum value of a positive real number, y such that

Solution

To find the minimum value of y, first find the critical numbers by equating the derivative of the y function to 0, then substitute the values into the original function.

When passed into the original function, all values before and after return values infinitely larger than the when , therefore, the maximum value of lies at where , and **the** **minimum value lies at at which is 20**.