

Exercise 41

The graph of the function f is shown in Figure 18.

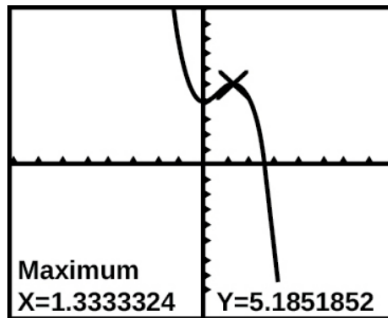


Figure 18

Based on the calculator screen shot, the point $(1.333, 5.185)$ is which of the following?

- (a) a relative (local) maximum of the function
- (b) the vertex of the function
- (c) the absolute maximum of the function
- (d) a zero of the function

Solution

The point $(1.333, 5.185)$ is (a), a local maximum of the function.