Quiz

Remember: *All answers have to be in the form of a sentence.*

1. Let \( y = f(x) \) have the graph as shown. Then answer the following.

(a) What is an estimate for \( f'(1.9) \)?

(b) For what values of \( x \) is \( f'(x) = 0 \)?

(c) On what intervals is \( f'(x) \) negative?

(d) Draw your own axis and sketch a graph of the derivative \( y = f'(x) \).

2. For the function \( D(t) = \cos(2t - 1) \) estimate the derivative \( D'(2) \) accurate to two decimal places. (Recall that we always work with radians when dealing with trigonometric functions).