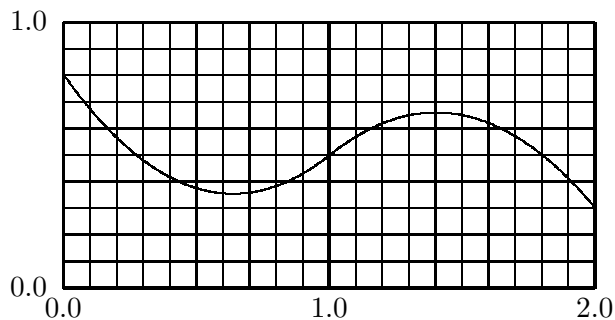


Quiz

Name: _____

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).