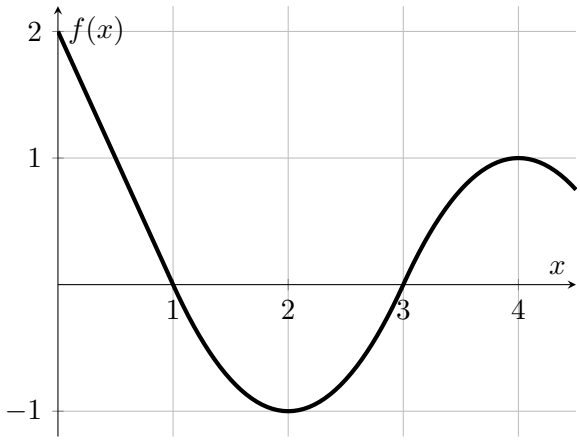
Name: _____

1. The graph of the function f is given below.

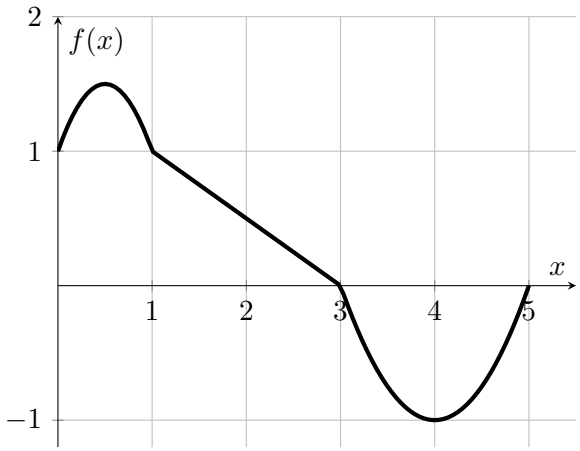


(a) Use the graph to find $f'(1)$, the derivative of f at $a = 1$. Show your work or explain why your answer is correct.

(b) Where is the derivative of f zero? That is, find a value of a such that $f'(a) = 0$. Explain why your answer is correct.

Name: _____

1. The graph of the function f is given below.

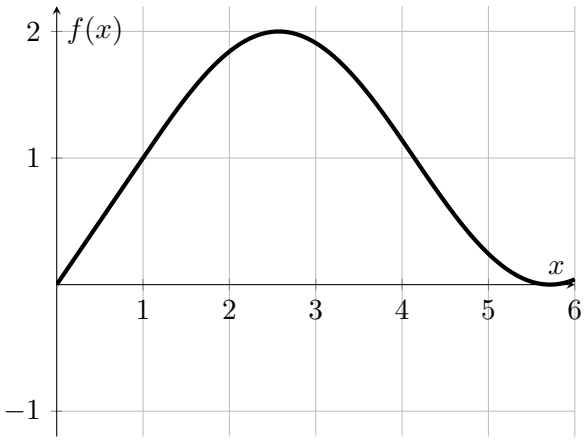


(a) Use the graph to find $f'(2)$, the derivative of f at $a = 2$. Show your work or explain why your answer is correct.

(b) Where is the derivative of f zero? That is, find a value of a such that $f'(a) = 0$. Explain why your answer is correct.

Name: _____

1. The graph of the function f is given below.

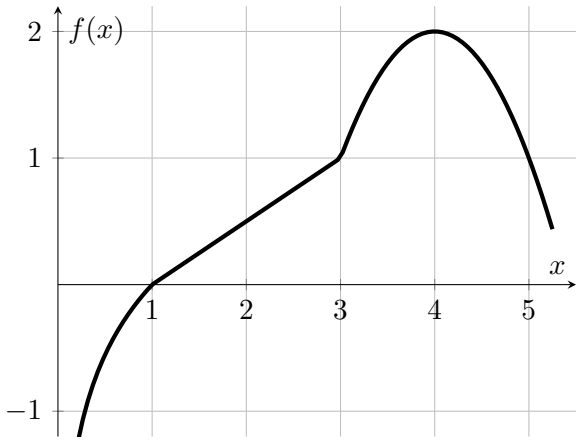


(a) Use the graph to find $f'(1)$, the derivative of f at $a = 1$. Show your work or explain why your answer is correct.

(b) Where is the derivative of f zero? That is, find a value of a such that $f'(a) = 0$. Explain why your answer is correct.

Name: _____

1. The graph of the function f is given below.



(a) Use the graph to find $f'(2)$, the derivative of f at $a = 2$. Show your work or explain why your answer is correct.

(b) Where is the derivative of f negative? That is, find a value of a such that $f'(a) < 0$. Explain why your answer is correct.