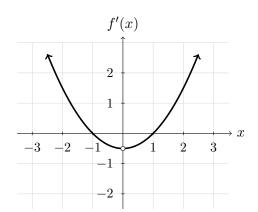
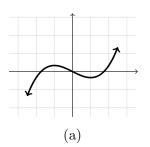
£(x):

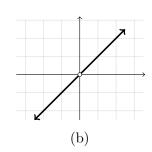
1. (2 points) The graph of f'(x) is shown. Which of the following graphs could be a graph of f(x)?

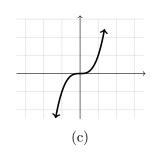


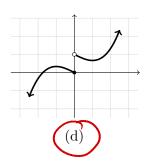
inc. dec. dec. Inc.



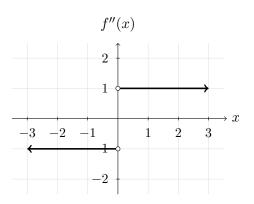








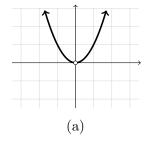
2. (2 points) The graph of f''(x) is shown. Which of the following graphs could be a graph of f(x)?

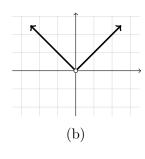


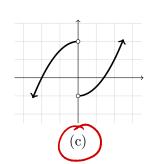


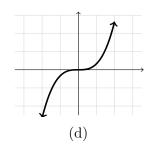




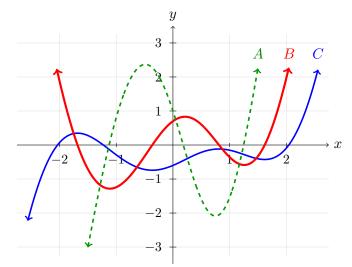




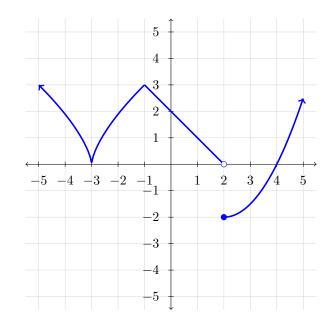


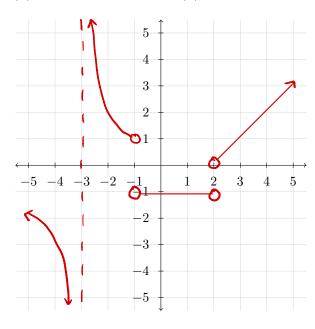


3. (2 points) Using the given graph, determine which function shown is the original function f(x), which is the first derivative f'(x), and which is the second derivative f''(x).



- (a) f(x) is A, f'(x) is B, and f''(x) is C.
- (b) f(x) is B, f'(x) is A, and f''(x) is C.
- (c) f(x) is B, f'(x) is C, and f''(x) is A.
- (d) f(x) is C, f'(x) is A, and f''(x) is B.
- (e) f(x) is C, f'(x) is B, and f''(x) is A.
- 4. (2 points) Given the following graph of the function f(x), sketch the graph of f'(x).





5. (2 points) Do you have any questions or comments about the course so far?

I love MATH 1300!