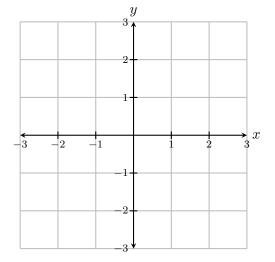
- 1. This problem concerns the function  $f(x) = (x-2)e^x$ .
  - (a) Find the intervals on which f(x) increases/decreases.

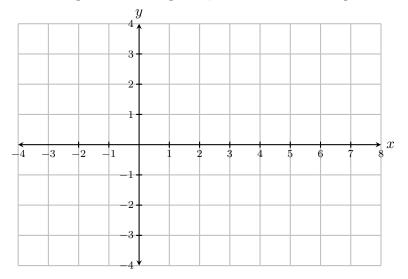
(b) Find the intervals on which f(x) is concave up/down.



I'm in the Thurs11 Thurs12 Thurs1 or Fri10 recitation. (Circle one)

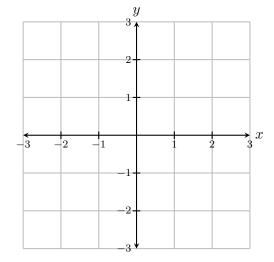
- 1. This problem concerns the function  $f(x) = 3x^{2/3} 2x$ .
  - (a) Find the intervals on which f(x) increases/decreases.

(b) Find the intervals on which f(x) is concave up/down.



- 1. This problem concerns the function  $f(x) = (2-x)e^x$ .
  - (a) Find the intervals on which f(x) increases/decreases.

(b) Find the intervals on which f(x) is concave up/down.



- 1. This problem concerns the function  $f(x) = 2x 3x^{2/3}$ .
  - (a) Find the intervals on which f(x) increases/decreases.

(b) Find the intervals on which f(x) is concave up/down.

