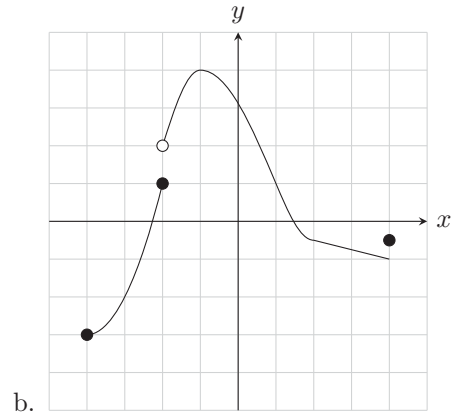
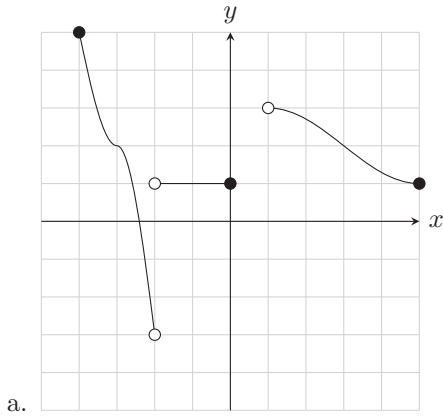
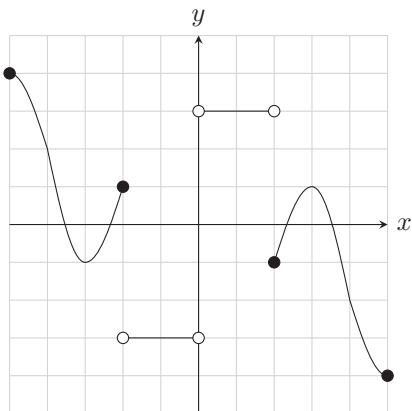


4. For each of the following graphs, determine where the function is increasing, decreasing, and constant. State any local and absolute maximums or minimums along with their locations. Estimate any inflection points and state where the function is concave up and concave down.



5. Determine whether the following function is even, odd, or neither by looking at its graph.

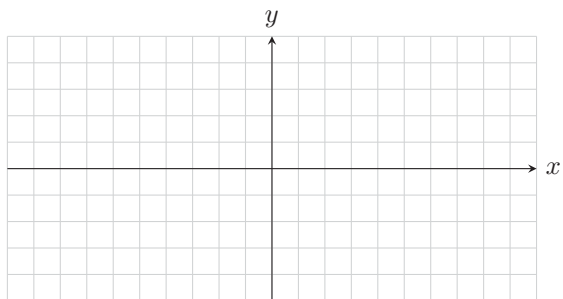


6. Determine if the following function is even, odd, or neither.

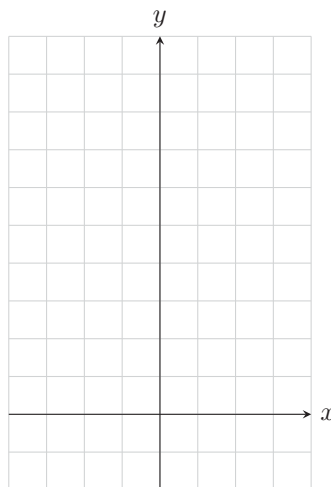
$$f(x) = \frac{2x^3 - x}{x^7 + 2x^5 - 4x^3}$$

7. Sketch the following functions from memory. Include key points/asymptotes.

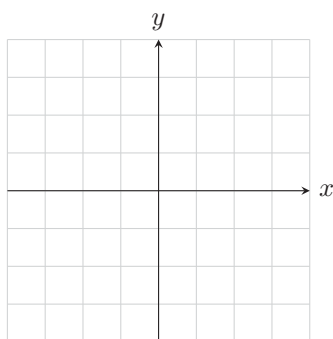
a. Graph $f(x) = \sqrt[3]{x}$



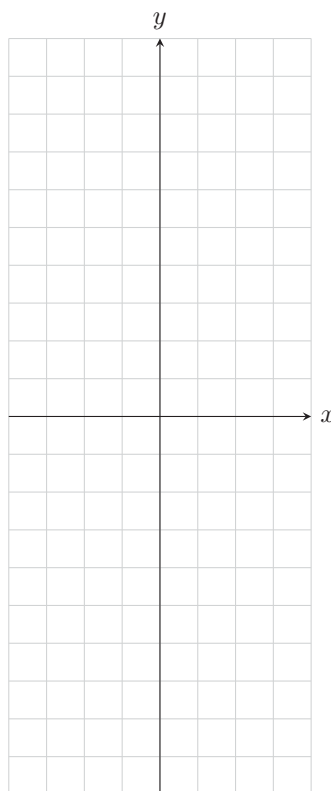
d. Graph $f(x) = x^2$.



b. Graph $f(x) = x$.



e. Graph $f(x) = x^3$.



c. Graph $f(x) = \frac{1}{x}$.

