

Find the intercepts of the given functions visually or algebraically. Write your answers as ordered pairs. You must show all your necessary work for full credit.



Match each of the following graphs with the type of symmetry that best describes it:

A. Even; Symmetric with respect to the *y*-axis

- **B.** Odd; Symmetric with respect to the origin
- C. No symmetry



Use the graph to find the domain, range, and intercepts. Then highlight the positive and negative section(s). Write the positive and negative intervals in interval notation. 6.



Highlight the increasing, decreasing, and constant section(s). Write the intervals where the function is increasing, decreasing, and constant in interval notation.

7.



The increasing section(s) are	color.
Increasing interval(s):	
The decreasing section(s) are	color
Decreasing interval(s):	
The constant section(s) are	color.
Constant interval(s):	

8. Use the graph to find the relative maxima and minima.



Find the end behavior of each function based on its graph. Write the answers as limits.

