

Name: \_\_\_\_\_

Key Feature	What it tells you about the graph of $f(x)$
Domain	where the graph crosses the $x$ - or $y$ -axis
Range	where the graph is above or below the $x$ -axis
Intercepts	the values of $x$ for which $f(x)$ is defined
Symmetry	high or low points where the graph changes from increasing to decreasing or vice versa
End Behavior	where one side of the graph is a reflection or rotation of the other side
Extrema	where the graph is going up or down as $x$ increases
Increasing/ Decreasing	what the graph is doing at the right and left sides as $x$ approaches infinity or negative infinity
Positive/Negative	the values that $f(x)$ take as $x$ varies