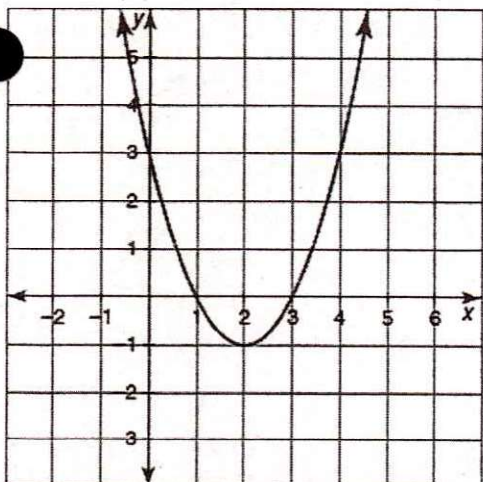
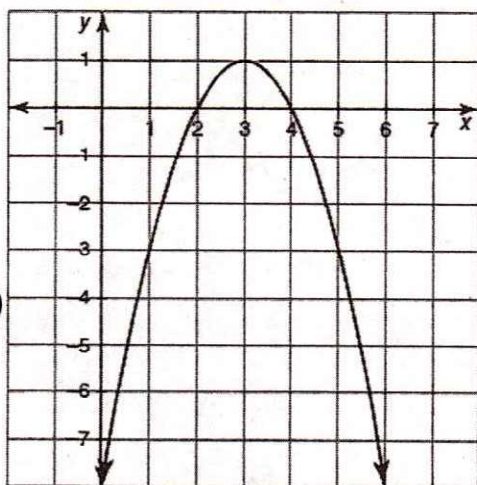


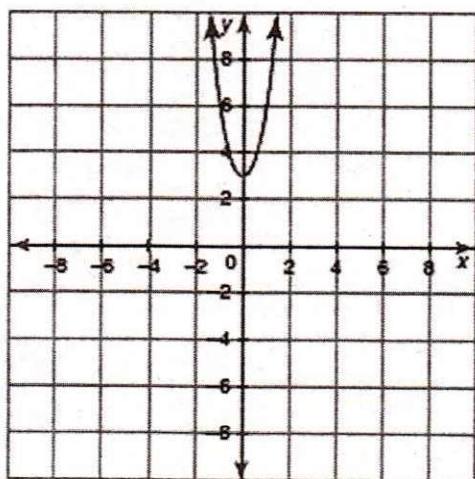
Practice: Describe the characteristics of the following graphs:



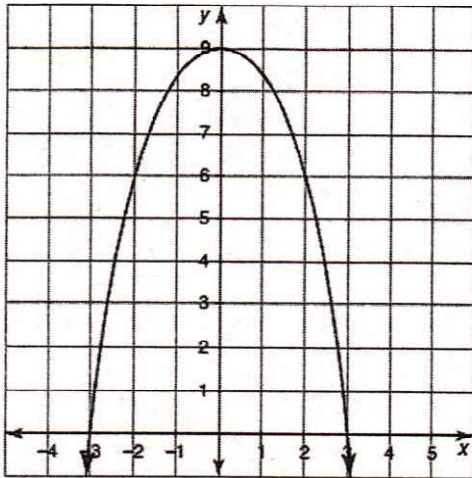
Domain: _____ **Range:** _____
Vertex: _____ **Axis of Sym.** _____
Y-Intercept: _____ **Zeroes:** _____
Extrema: _____ **Max/Min Value:** _____
Int of Inc: _____ **Int of Dec:** _____
Positive: _____ **Negative:** _____
End Behavior: As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____. As $x \rightarrow \infty$, $f(x) \rightarrow$ _____



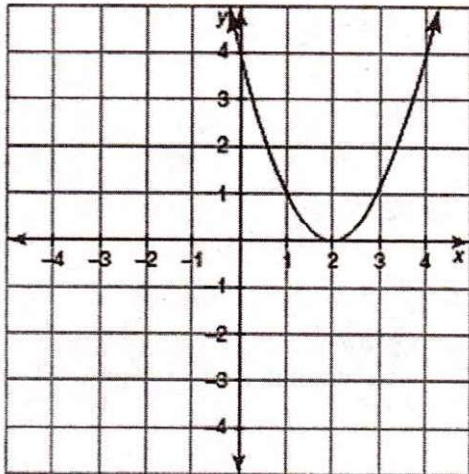
Domain: _____ **Range:** _____
Vertex: _____ **Axis of Sym.** _____
Y-Intercept: _____ **Zeroes:** _____
Extrema: _____ **Max/Min Value:** _____
Int of Inc: _____ **Int of Dec:** _____
Positive: _____ **Negative:** _____
End Behavior: As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____. As $x \rightarrow \infty$, $f(x) \rightarrow$ _____



Domain: _____ **Range:** _____
Vertex: _____ **Axis of Sym.** _____
Y-Intercept: _____ **Zeroes:** _____
Extrema: _____ **Max/Min Value:** _____
Int of Inc: _____ **Int of Dec:** _____
Positive: _____ **Negative:** _____
End Behavior: As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____. As $x \rightarrow \infty$, $f(x) \rightarrow$ _____



Domain: _____ **Range:** _____
Vertex: _____ **Axis of Sym.** _____
Y-Intercept: _____ **Zeroes:** _____
Extrema: _____ **Max/Min Value:** _____
Int of Inc: _____ **Int of Dec:** _____
Positive: _____ **Negative:** _____
End Behavior: As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____. As $x \rightarrow \infty$, $f(x) \rightarrow$ _____



Domain: _____ **Range:** _____
Vertex: _____ **Axis of Sym.** _____
Y-Intercept: _____ **Zeroes:** _____
Extrema: _____ **Max/Min Value:** _____
Int of Inc: _____ **Int of Dec:** _____
Positive: _____ **Negative:** _____
End Behavior: As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____. As $x \rightarrow \infty$, $f(x) \rightarrow$ _____

Day 3 - Characteristics of Quadratic Functions

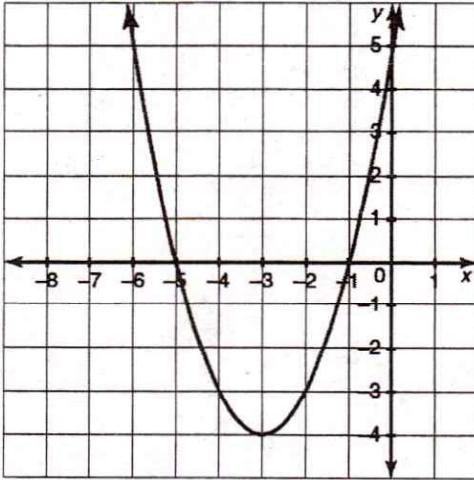
Name: _____

Practice Assignment

Date: _____ Block: _____

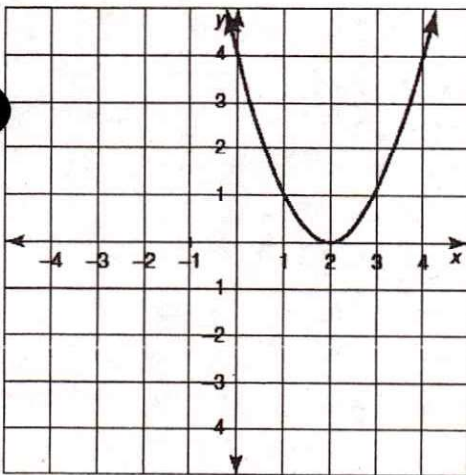
Identify all of the characteristics listed for the following graphs.

1.



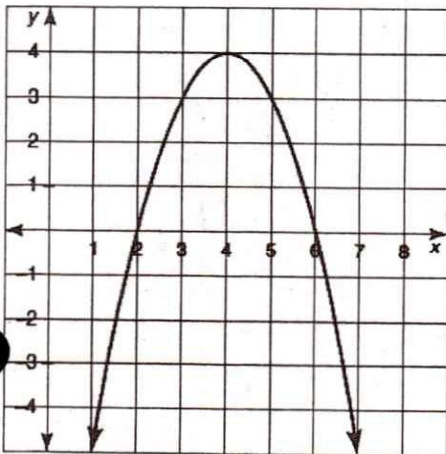
Domain: _____	Range: _____
Vertex: _____	Axis of Sym. _____
Y-Intercept: _____	Zeroes: _____
Extrema: _____	Max/Min Value: _____
Int of Inc: _____	Int of Dec: _____
Positive: _____	Negative: _____
End Behavior: As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____. As $x \rightarrow \infty$, $f(x) \rightarrow$ _____	

2.



Domain: _____	Range: _____
Vertex: _____	Axis of Sym. _____
Y-Intercept: _____	Zeroes: _____
Extrema: _____	Max/Min Value: _____
Int of Inc: _____	Int of Dec: _____
Positive: _____	Negative: _____
End Behavior: As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____. As $x \rightarrow \infty$, $f(x) \rightarrow$ _____	

3.



Domain: _____	Range: _____
Vertex: _____	Axis of Sym. _____
Y-Intercept: _____	Zeroes: _____
Extrema: _____	Max/Min Value: _____
Int of Inc: _____	Int of Dec: _____
Positive: _____	Negative: _____
End Behavior: As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____. As $x \rightarrow \infty$, $f(x) \rightarrow$ _____	