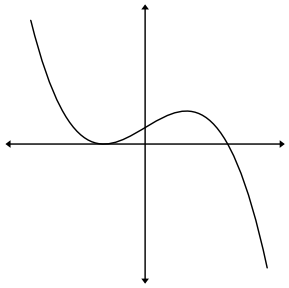
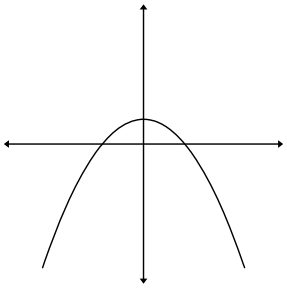
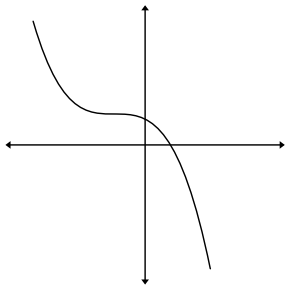
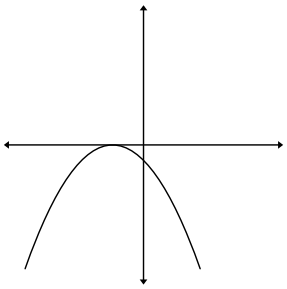
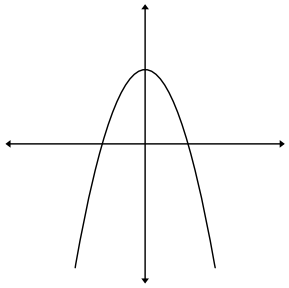
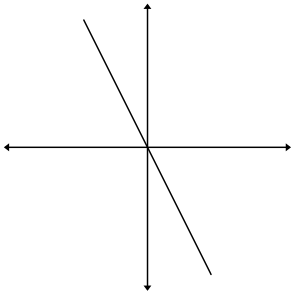
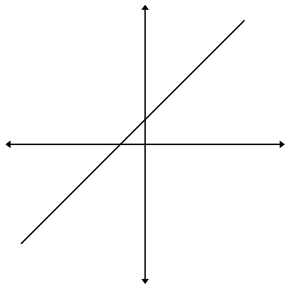
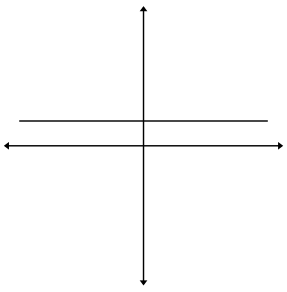
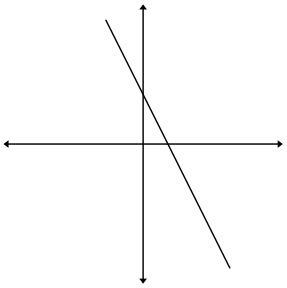
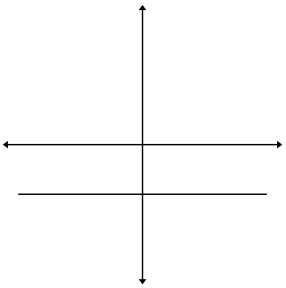
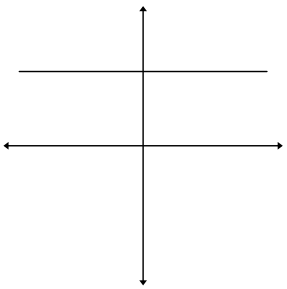
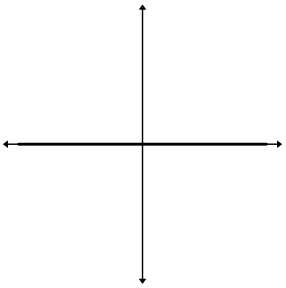
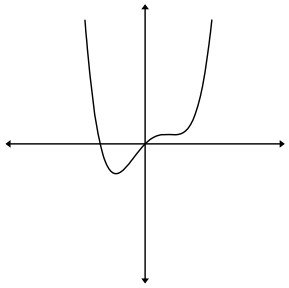
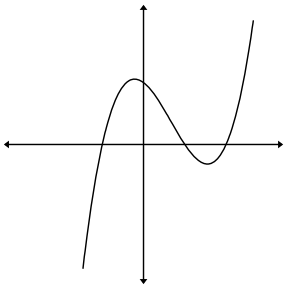
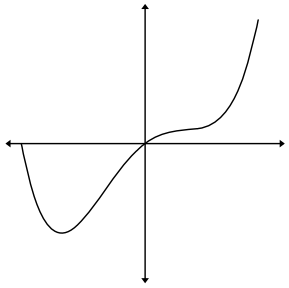
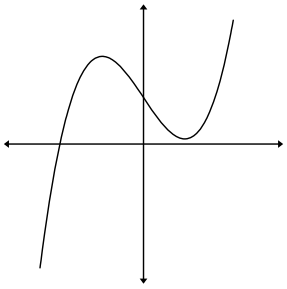
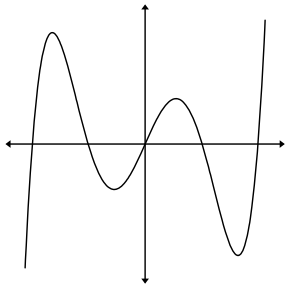
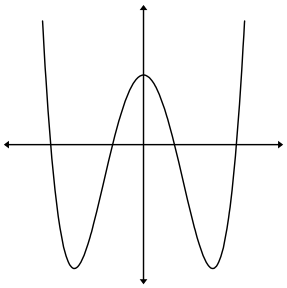
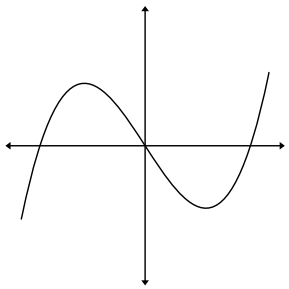
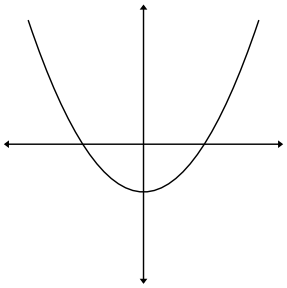
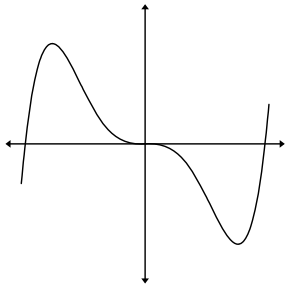
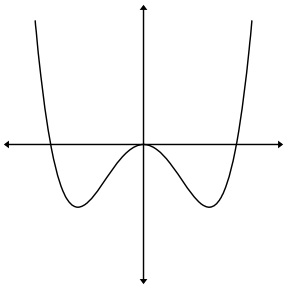
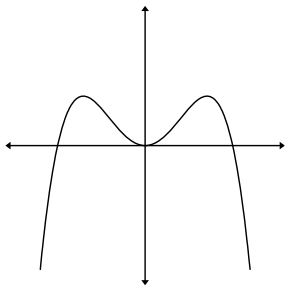
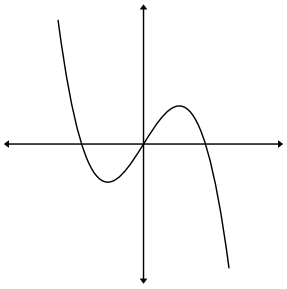
Function	**Derivative**
This function has 2 turning points. There is a local maximum at $x = 1$ and a local minimum at $x = -1$.	This derivative is zero at $x = -1$ and $x = 1$. It is positive for $-1 < x < 1$ and negative everywhere else.
Function 	**Derivative** 
Function	**Derivative**
This function is decreasing throughout its domain. It has a point of inflection at $x = -1$.	This derivative is never positive. It is zero when $x = -1$.
Function 	**Derivative** 

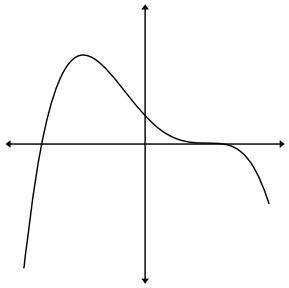
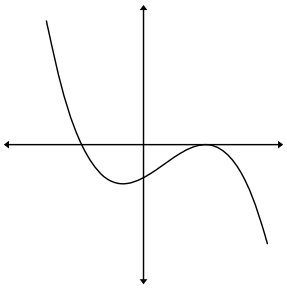
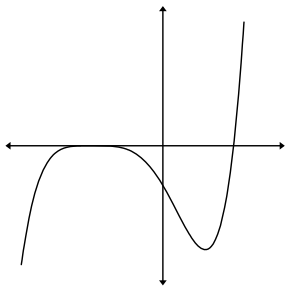
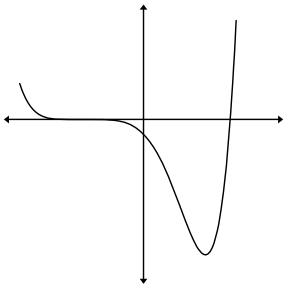
Function	**Derivative**
This function has one critical point. It has an absolute maximum at $x = 0$.	This derivative is positive for $x < 0$ and negative for $x > 0$.
Function 	**Derivative** 
Function	**Derivative**
This function's graph is a line that has an angle of inclination of 45°.	This derivative is always 1.
Function 	**Derivative** 

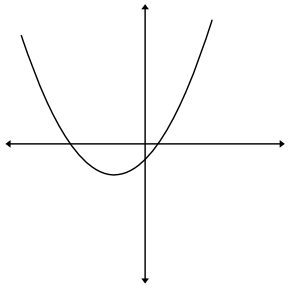
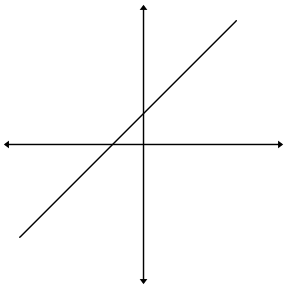
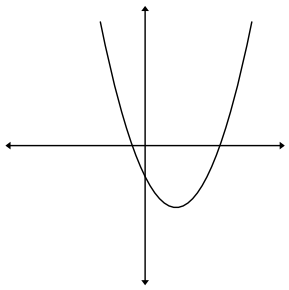
Function	**Derivative**
This function's graph is a line that has an angle of inclination of about 117°.	This derivative is always −2.
Function 	**Derivative** 
Function	**Derivative**
This function's graph is a horizontal line.	The graph of the derivative is the horizontal axis.
Function 	**Derivative** 

Function	**Derivative**
This function has 3 turning points at $x = -1$, $x = 1$, and $x = 2$. There is a local maximum at $x = 1$, and local minima at $x = -1$ and $x = 2$. The absolute minimum is at $x = -1$.	This derivative is positive for $-1 < x < 1$. It is negative for $x < -1$ and $1 < x < 2$.
Function 	**Derivative** 
Function	**Derivative**
This function has its minimum at $x = -2$. It has points of inflection at $x = -1$ and $x = 1$.	This derivative is positive for $x > -2$ and negative for $x < -2$.
Function 	**Derivative** 

Function	**Derivative**
This function has 4 critical points. It has relative maximums at $x = -3$ and $x = 1$ and relative minimums at $x = -1$ and $x = 3$.	This derivative is zero at $x = -3, -1, 1,$ and 3. It is negative for $-3 < x < -1$ and $1 < x < 3$. Elsewhere it is positive.
Function 	**Derivative** 
Function	**Derivative**
This function has a relative maximum at $x = -2$ and a relative minimum at $x = 2$.	This derivative is negative for $-2 < x < 2$ and positive elsewhere.
Function 	**Derivative** 

Function	**Derivative**
This function has a relative maximum at $x = -3$, a relative minimum at $x = 3$, and a point of inflection at $x = 0$.	This derivative is zero at $x = -3, 0, 3$. It is positive for $x < -3$ and $x > 3$. It is negative for $-3 < x < 0$ and for $0 < x < 3$.
Function 	**Derivative** 
Function	**Derivative**
This function has critical points at $x = -2$, $x = 0$, and $x = 2$. It has a local minimum at $x = 0$ and local maximums at $x = -2$ and $x = 2$.	This derivative is zero at $x = -2, 0, 2$. It is positive for $x < -2$ and $0 < x < 2$. It is negative for $-2 < x < 0$ and $x > 2$.
Function 	**Derivative** 

Function	**Derivative**
This function has critical points at $x = -2$ and $x = 2$. It has its absolute maximum at $x = -2$ and a point of inflection at $x = 2$.	This derivative is zero at $x = -2, 2$. It is positive when $x < -2$ and negative for $-2 < x < 2$ and $x > 2$.
Function	**Derivative**
	
Function	**Derivative**
This function has critical points at $x = -2$ and $x = 2$. It has a relative minimum at $x = 2$ and a relative maximum at $x = -2$. The local maximum occurs at a zero of the function.	This derivative is zero at $x = -2, 2$. It is positive when $x < -2$, $x > 2$. It is negative for $-2 < x < 2$.
Function	**Derivative**
	

Function	**Derivative**
This function has a relative minimum at $x = -1$. There are no other critical points.	This derivative is zero at $x = -1$, negative when $x < -1$ and positive for $x > -1$.
Function 	**Derivative** 
Function This function has an absolute minimum at $x = 1$. There are no other critical points.	**Derivative** This derivative is negative for $x < 1$ and positive for $x > 1$.
Function 	**Derivative**