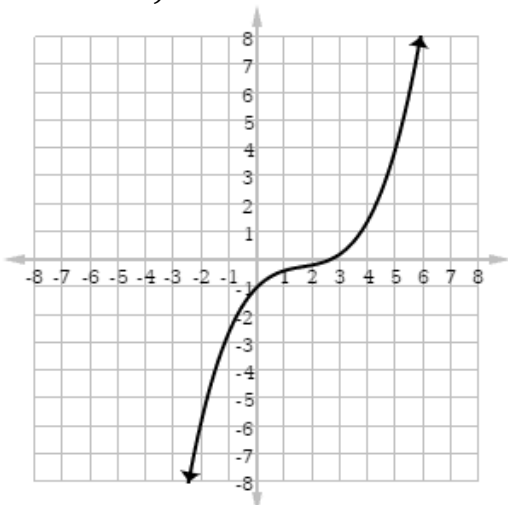


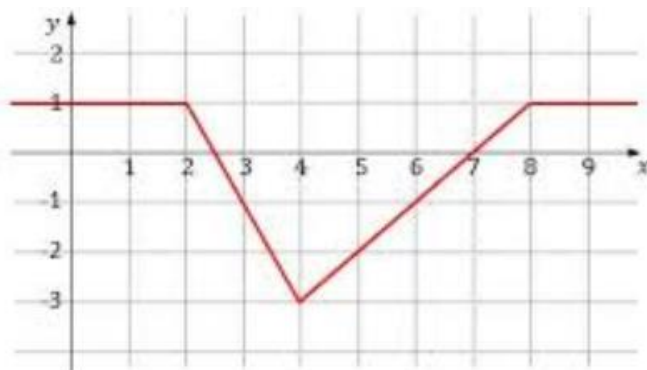
Analyzing Functions Assignment

1.)



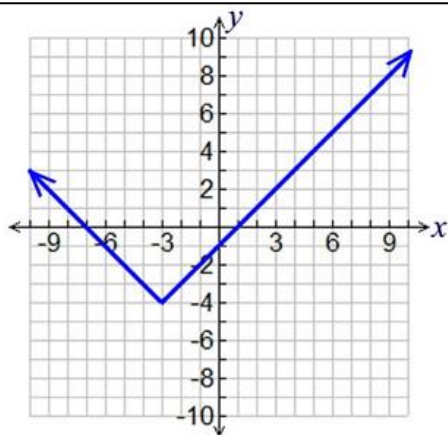
Domain: _____ Range: _____
 Interval of increase: _____
 Interval of decrease: _____
 $f(5) =$ _____ $f(-2) =$ _____
 if $f(x) = 4$, what is $x =$ _____

2.)



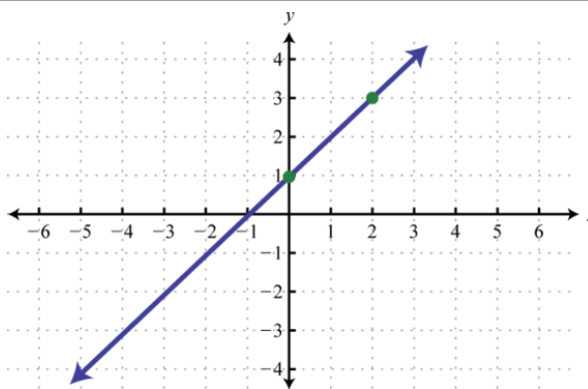
Domain: _____ Range: _____
 Interval of increase: _____
 Interval of decrease: _____
 Interval where constant: _____
 What is the y-value for the minimum: _____
 $f(8) =$ _____ $f(3) =$ _____
 if $f(x) = -3$, what is $x =$ _____

3.)



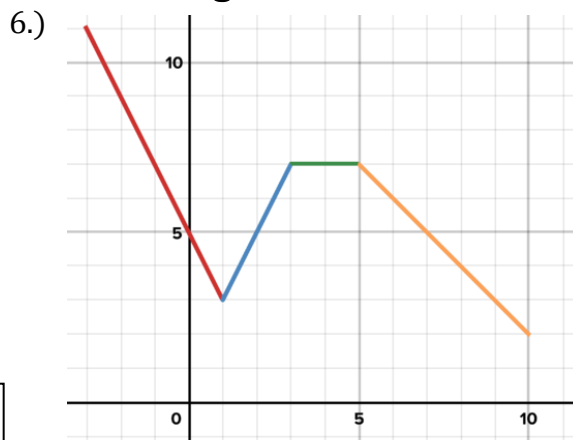
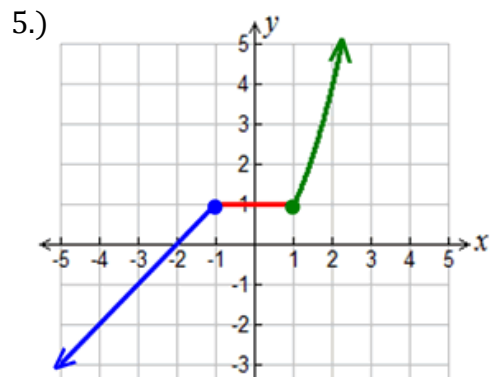
Domain: _____ Range: _____
 Interval of increase: _____
 Interval of decrease: _____
 $f(3) =$ _____ $f(-6) =$ _____
 if $f(x) = -4$, what is $x =$ _____
 What is the y-value for the minimum: _____

4.)



Domain: _____ Range: _____
 Interval of increase: _____
 $f(1) =$ _____ $f(-3) =$ _____
 if $f(x) = 3$, what is $x =$ _____

Analyzing Functions Assignment



Domain: _____ Range: _____

Interval of increase: _____

Interval of decrease: _____

Interval where constant: _____

$f(-1) =$ _____ $f(2) =$ _____

if $f(x) = -3$, what is $x =$ _____

Domain: _____ Range: _____

Interval of increase: _____

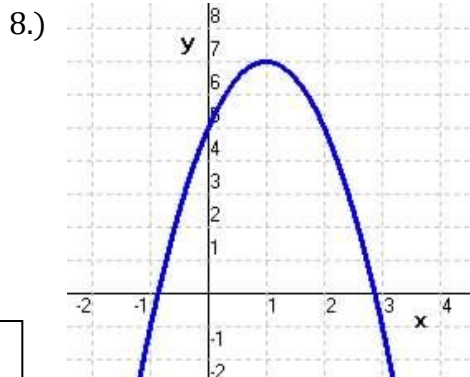
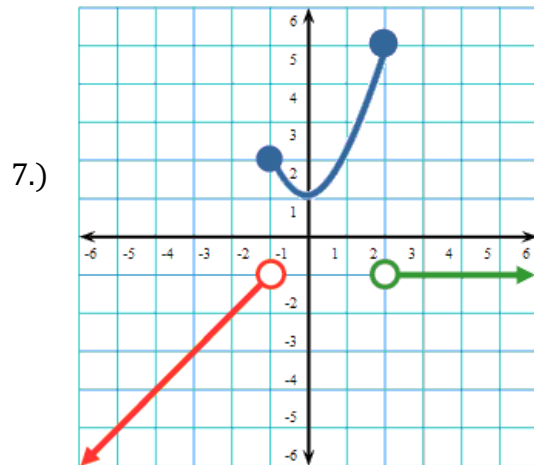
Interval of decrease: _____

Interval where constant: _____

What is the y-value for the minimum: _____

$f(0) =$ _____ $f(5) =$ _____

if $f(x) = 10$, what is $x =$ _____



Domain: _____ Range: _____

Interval of increase: _____

Interval of decrease: _____

Interval where constant: _____

$f(-2) =$ _____ $f(4) =$ _____

if $f(x) = 5$, what is $x =$ _____

Domain: _____ Range: _____

Interval of increase: _____

Interval of decrease: _____

What is the y-value for the maximum: _____

$f(0) =$ _____ $f(2) =$ _____

if $f(x) = 0$, what is $x =$ _____ $x =$ _____