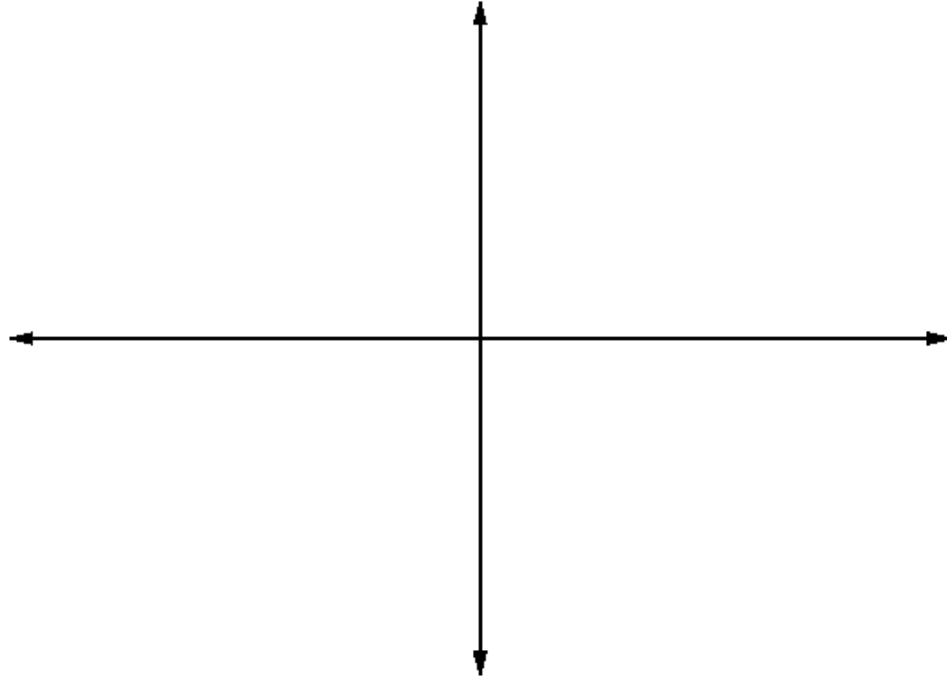


# PreCalculus Quiz

Your Name:

Sketch a function that matches the given criteria.

1.

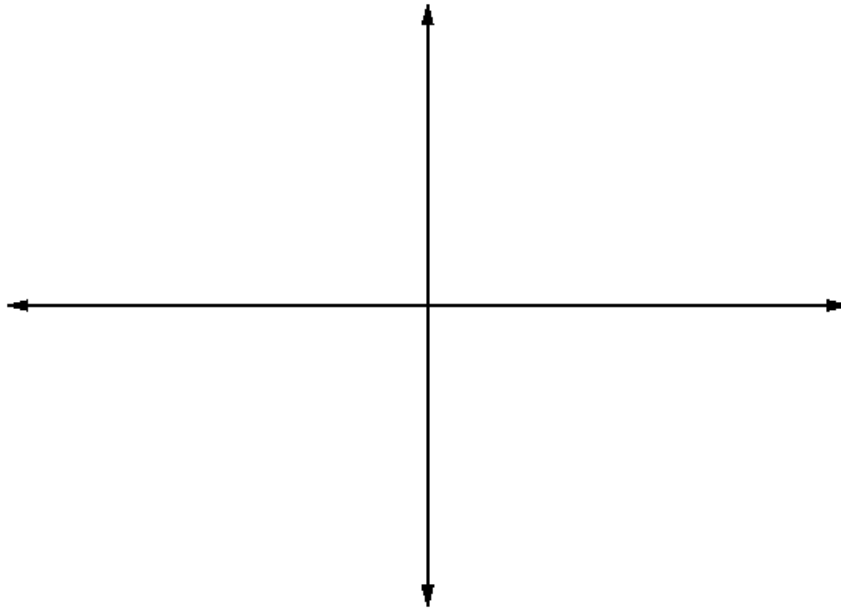


Domain  $x < -2$  or  $x \geq 4$   
or  $x = 1$   
Range  $y \in \square$   
Increasing  $x < -6$   
Decreasing  $-6 < x < -2$ ,  
 $x > 4$   
Concave Up  $x > 4$

Concave Down  $x < -2$   
Vert. Asymp.  $x = -2$   
Horiz. Asymp.  $y = -3$   
Jump Discont.  $x = -6$

over >>

2.



Domain


Range

Increasing

Decreasing

Concave Up

Concave Down

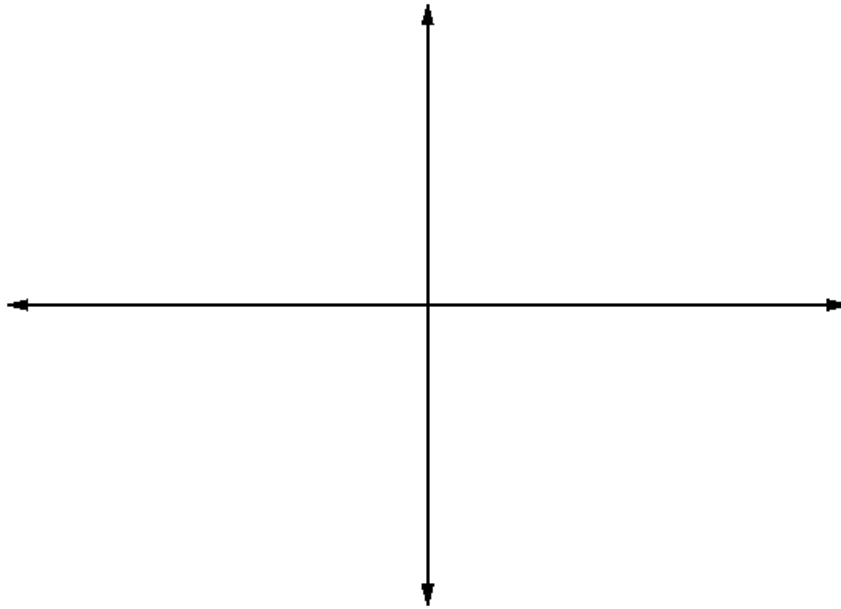
Vert. Asymp.

Horiz. Asymp.

Jump Discont.

Removable D.


3.



Domain


Range

Increasing

Decreasing

Concave Up

Concave Down

Vert. Asymp.

Horiz. Asymp.

Jump Discont.

Removable D.