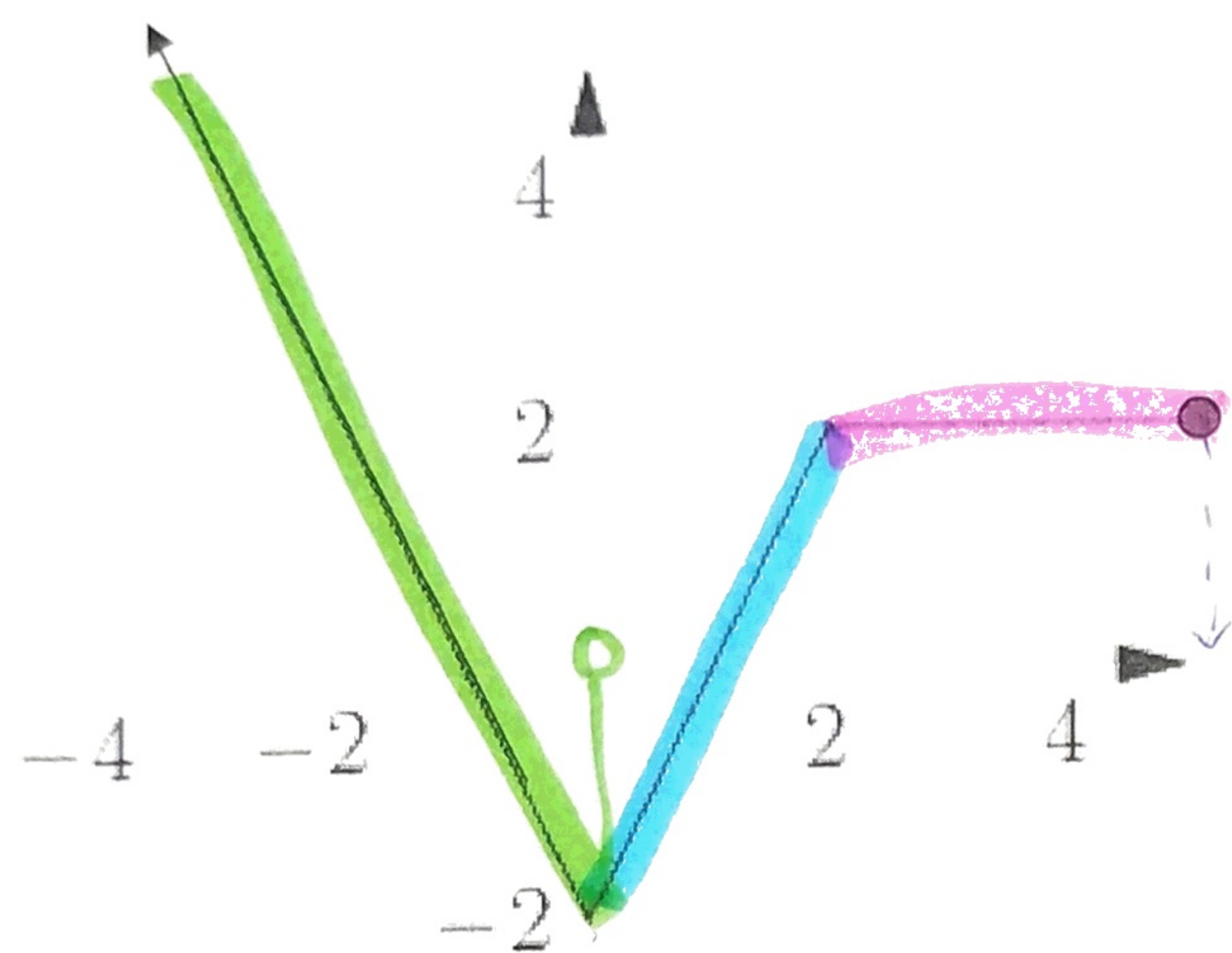


Using interval notation, give the domain and range of each graph.

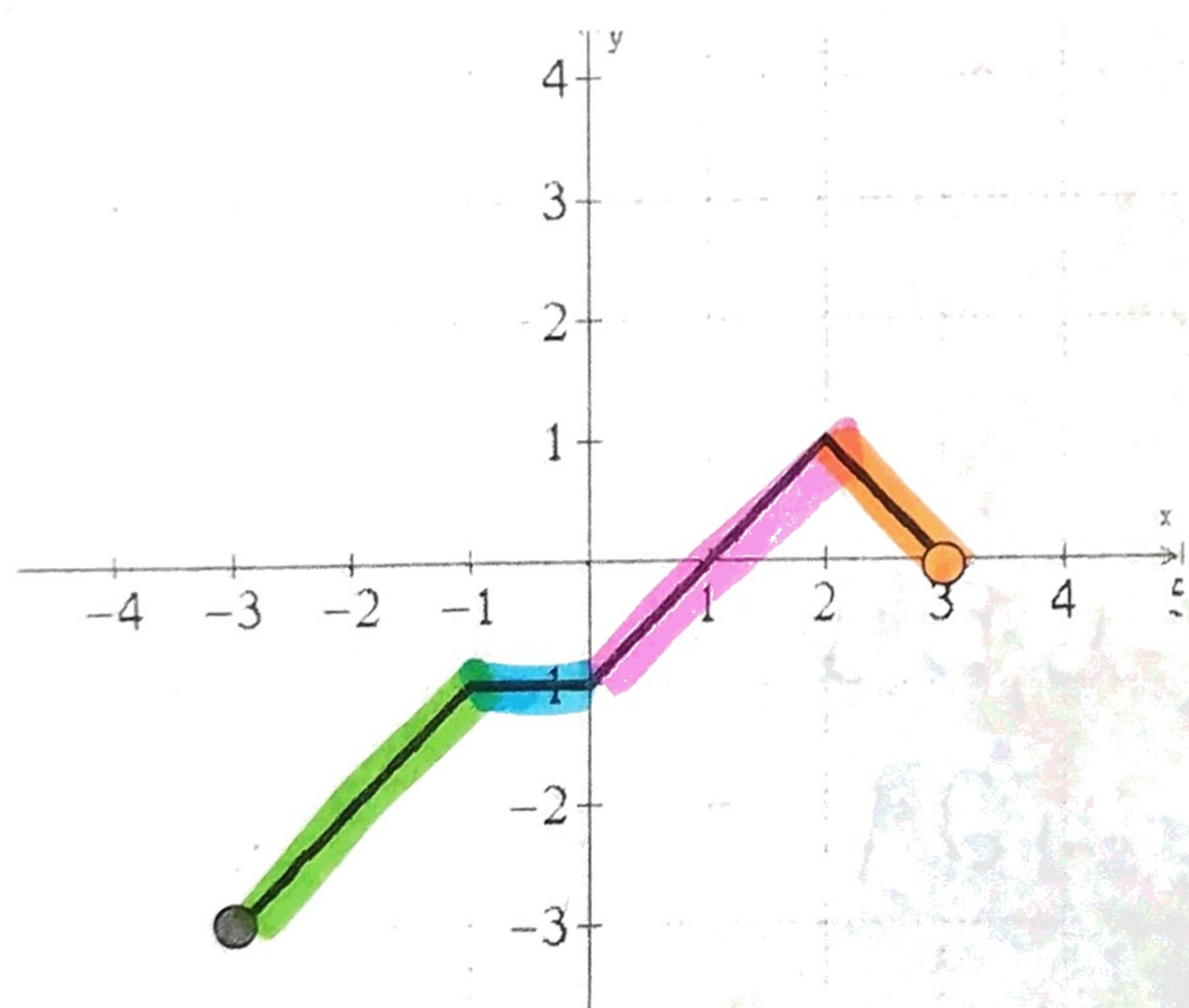
Then, give the intervals of increasing, decreasing, and constant.



Domain:  $(-\infty, 5]$

Range:  $[-2, \infty)$

$(-\infty, 0)$  decr.  
 $(0, 2)$  incr.  
 $(2, 5]$  const.

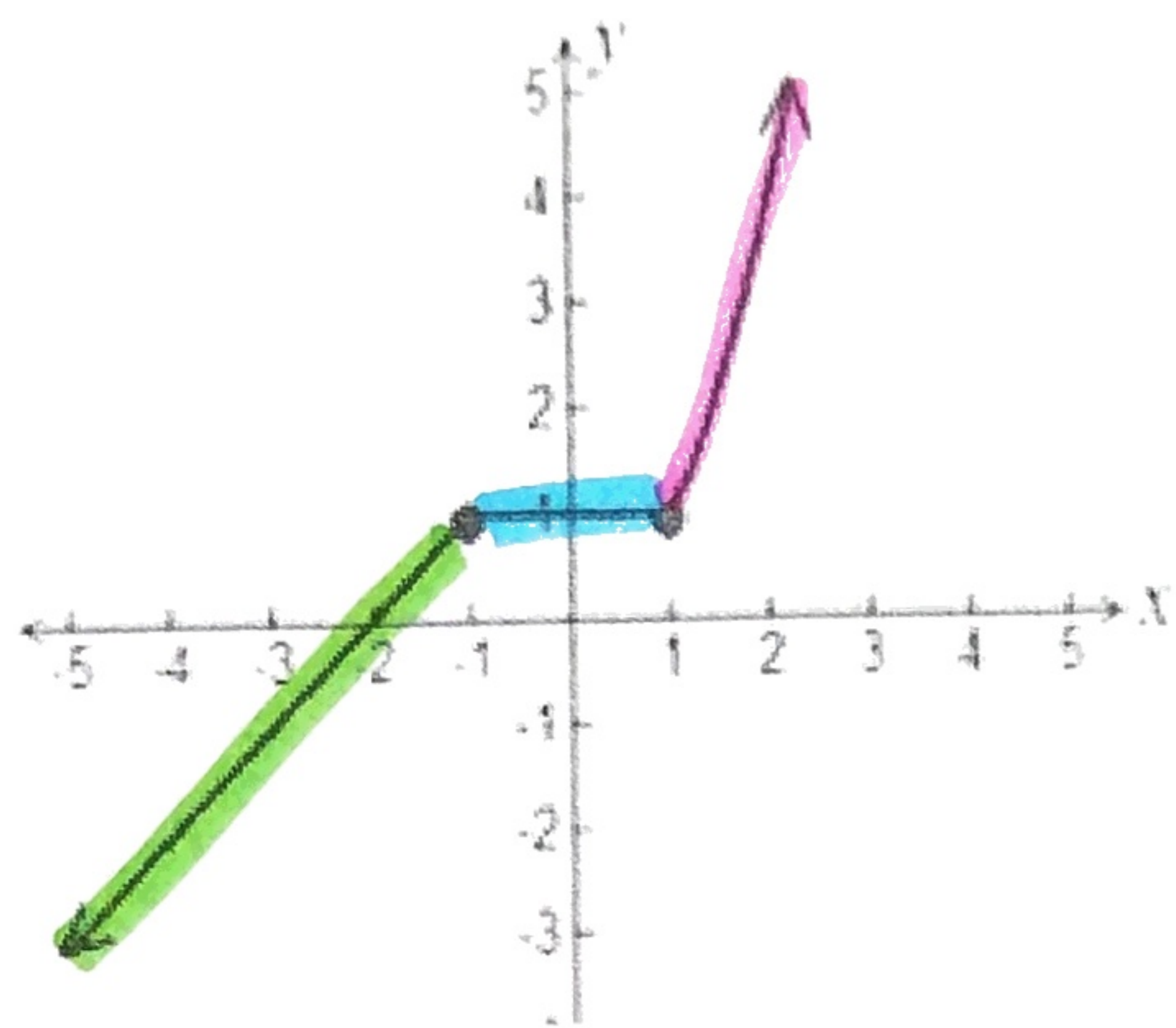


Domain:  $[-3, 3)$

Range:  $[-3, 1]$

$[-3, -1)$  incr.  
 $(-1, 0)$  const.  
 $(0, 2)$  incr.  
 $(2, 3)$  decr.





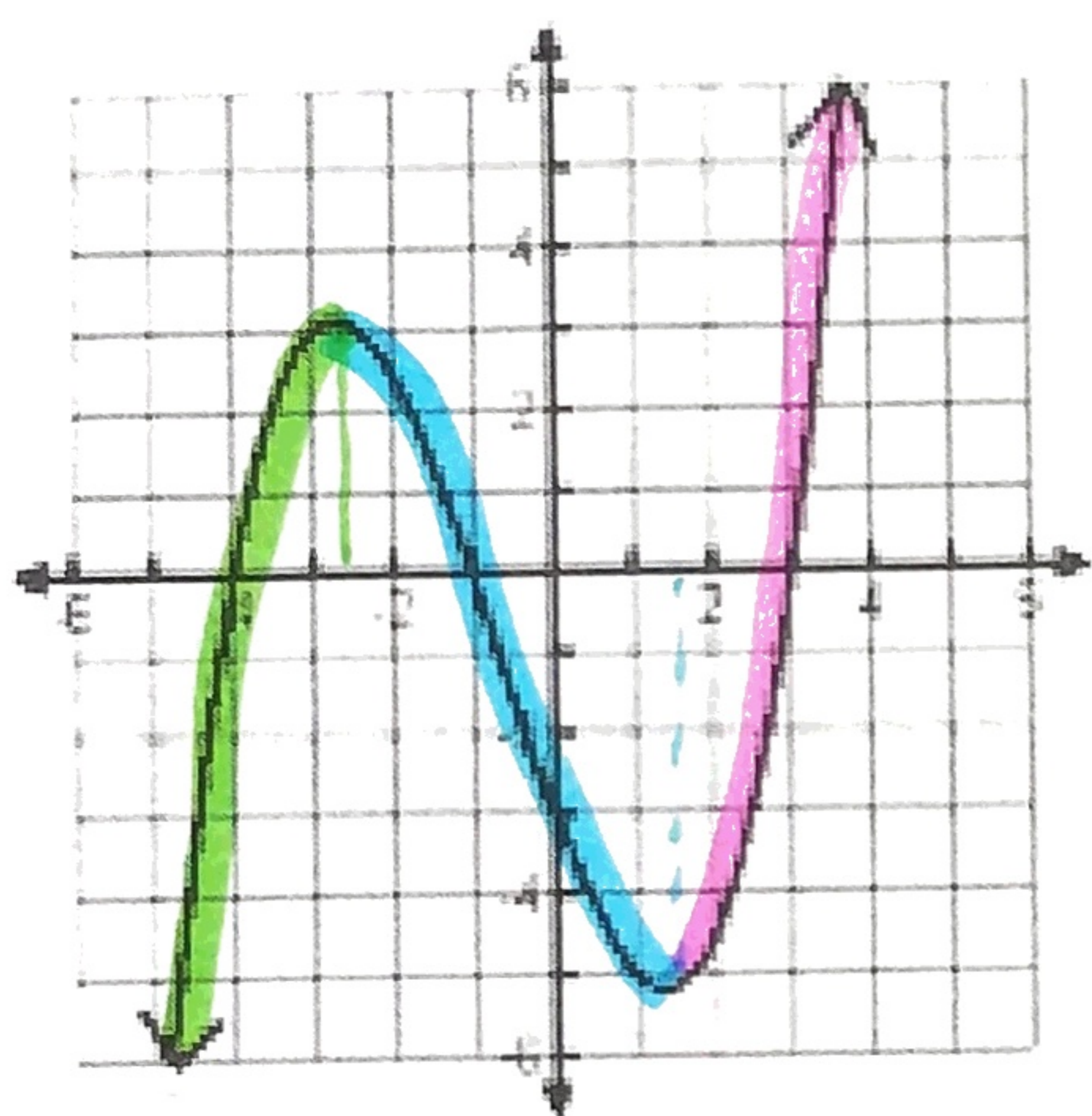
Domain:  $(-\infty, \infty)$

Range:  $(-\infty, \infty)$

$(-\infty, -1)$  incr.

$(-1, 1)$  const.

$(1, \infty)$  incr.



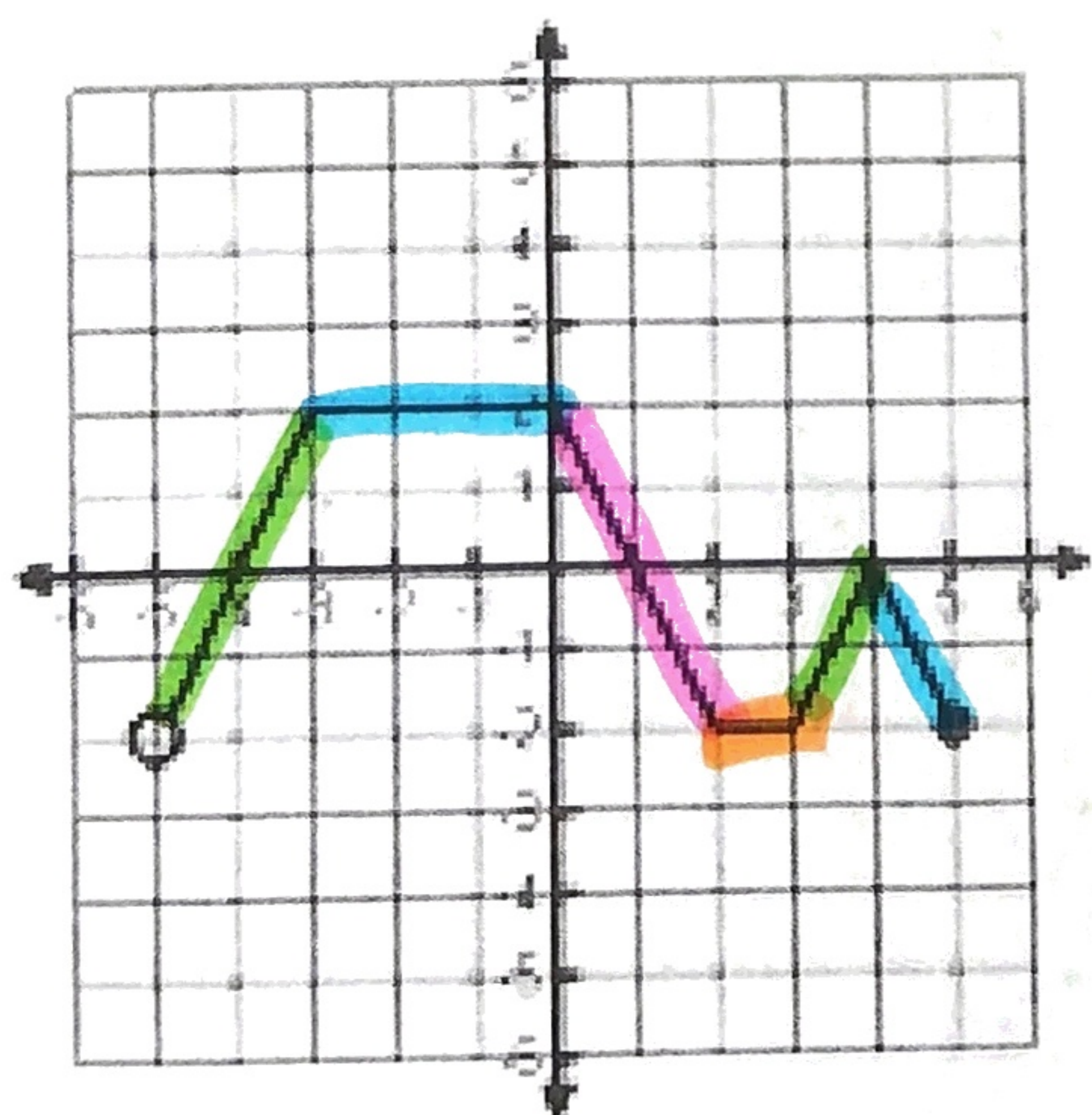
Domain:  $(-\infty, \infty)$

Range:  $(-\infty, \infty)$

$(-\infty, -2.5)$  incr.

$(-2.5, 1.5)$  decr.

$(1.5, \infty)$  incr.



Domain:  $(-5, 5]$

Range:  $[-2, 2]$

$(-5, -3)$  incr.

$(-3, 0)$  const.

$(0, 2)$  decr.

$(2, 3)$  const.

$(3, 4)$  incr.

$(4, 5]$  decr.