



## Graphing Systems of Inequalities

p. 57 #1

1.  $y > -1$   
 $x < 0$

$x$	$y$
-1	-1
-1	-1
-1	-1

$x$	$y$
0	0
0	0
0	0

2.  $y > -2x + 2$   
 $y > 2 + 2$   

$x$	$y$
-1	4
0	2
1	0

 $0 > -2(0) + 2$   
 $0 > 2$   
 false

$y \leq x + 1$   
 $0 \leq 0 + 1$   
 $0 \leq 1$ 

$x$	$y$
-1	0
0	1
1	2

3.  $y < x + 1$   

$x$	$y$
-1	-1
0	0
1	1

$y \geq \frac{-3}{4}x + 3$   

$x$	$y$
-4	-4
0	0
4	4