

Chapter 6 Practice Quiz

For Questions 1 and 2, solve the system of inequalities by graphing.

1. $y < \frac{1}{3}x + 1$

$y \leq 2x - 3$

Test (0,0)

$0 < 0 + 1$
 $0 < 1$ true

Test (0,0)
 $0 \leq -3$ false

Test (3,0)

$0 \leq 6 - 3$
 $0 \leq 3$ true

2. $y \leq x + 3$

$y > -\frac{1}{2}x - 2$

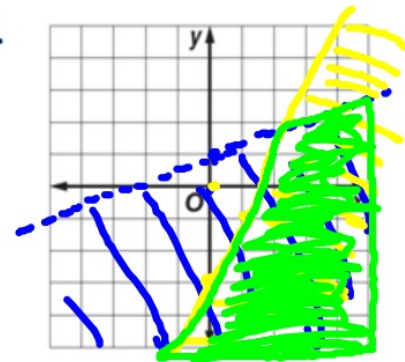
Test (0,0)

$0 > -2$
 true

Test (0,0)

$0 \leq 0 + 3$
 $0 \leq 3$ true

1.



2.



