Practice 11.4

Name_____

Determine whether the test point is a solution to the linear inequality.
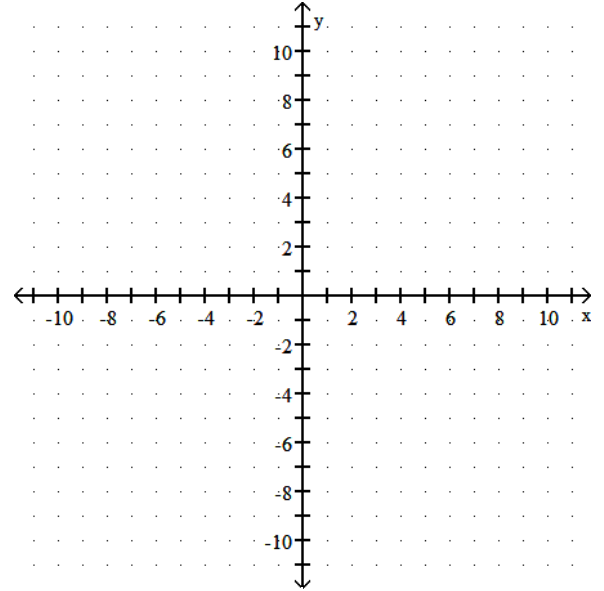
1)   (3, -5), x - y ≥ 9

2)   (-2, 1), -x - 3y ≤ -1

3)   (5, -3), x - y ≥ 9

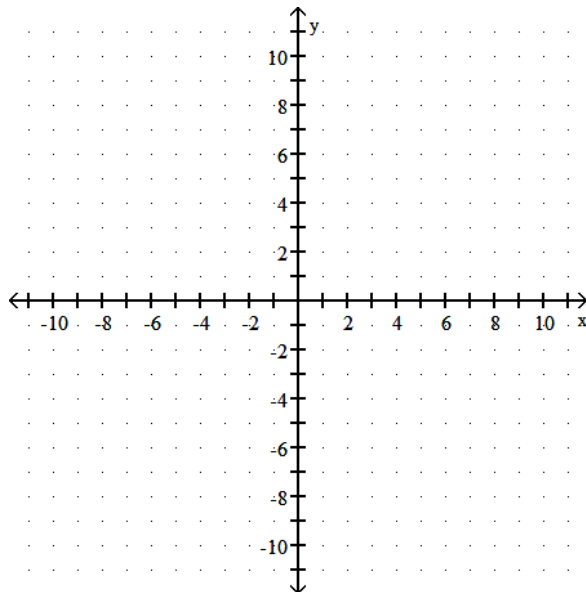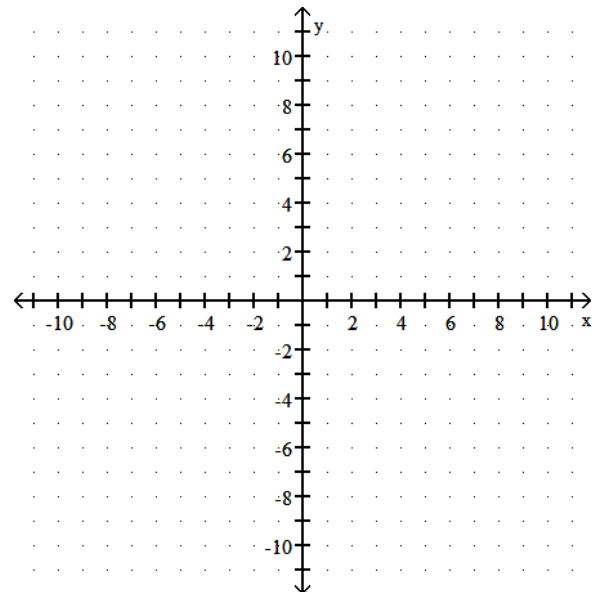4)   (-8, 3), -x - 3y ≤ -1

6)   x ≥ 6

Graph the linear inequality in two variables.
   5)   2x + y ≤ 3

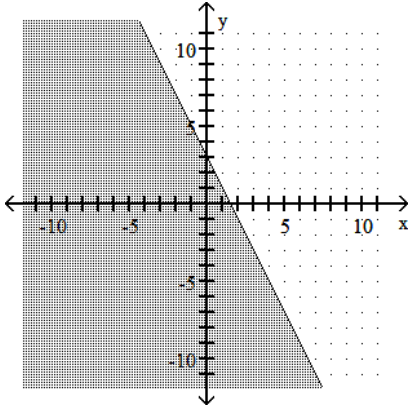7)   y ≥ 3x

1) No
2) Yes
3) No
4) Yes
5)

6)

7)