

Name _____

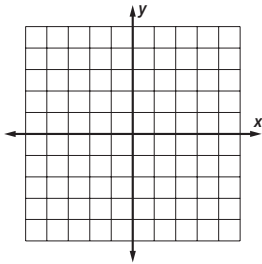
6-9A Lesson Master

Questions on SPUR Objectives
See pages 392–395 for objectives.

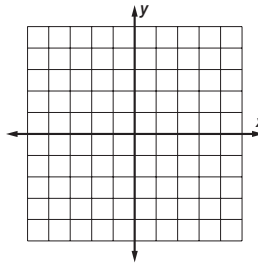
REPRESENTATIONS Objective I

In 1–6, graph all points (x, y) that satisfy the inequality.

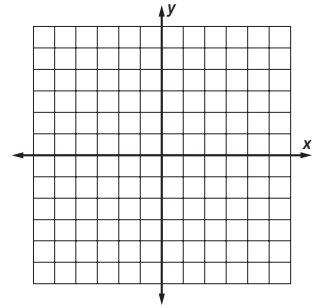
1. $x \geq -3$



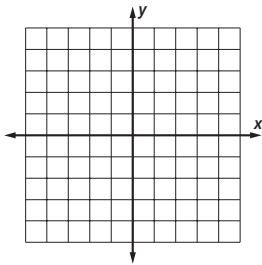
2. $y < 7$



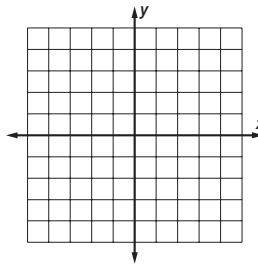
3. $y > 3x - 5$



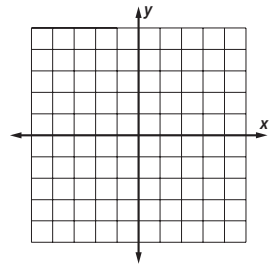
4. $y \leq 2 + \frac{1}{2}x$



5. $3x + 4y < 10$



6. $9x - 9y \geq 63$



7. A box of herbal tea contains 20 bags. Each cup requires 1 tea bag and each pitcher requires 4 tea bags.

a. Write an inequality that gives the maximum number of cups c and pitchers p that can be brewed from 1 box of tea bags.

b. Give two possible combinations of c and p .
