

Name _____

5-7A Lesson Master

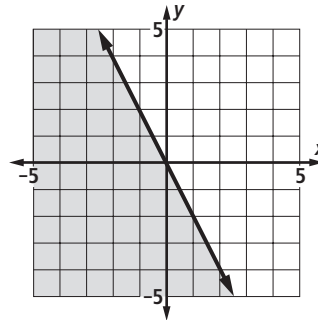
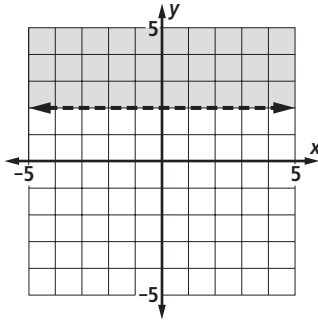
Questions on SPUR Objectives
See Student Edition pages 367–371 for objectives.

REPRESENTATIONS Objective J

In 1 and 2, write an inequality describing the shaded region of the graph.

1. _____

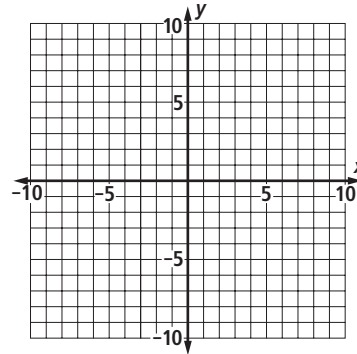
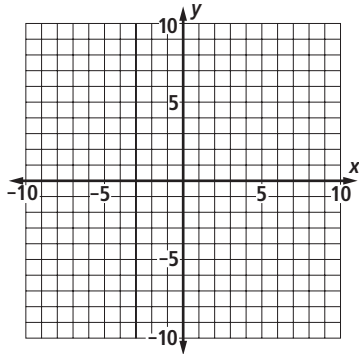
2. _____



In 3 and 4, graph the inequality on the coordinate plane.

3. $y < \frac{2}{3}x + 5$

4. $3x + 5y \leq 15$



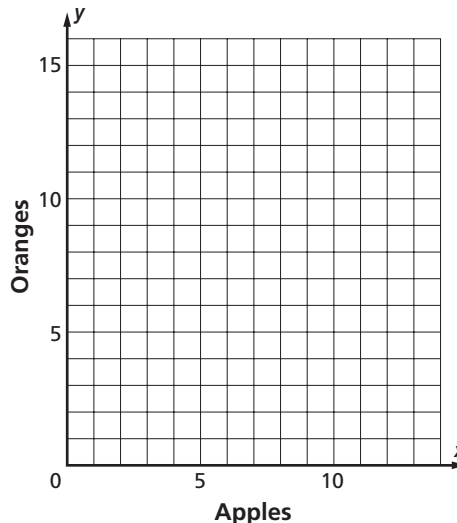
In 5 and 6, Caitlin is providing a halftime snack for her basketball team. She has \$6 to spend. Oranges cost 40¢ each and apples cost 50¢ each.

5. Determine whether she can buy each combination.

a. 8 oranges and 4 apples

b. 8 oranges and 6 apples

6. At the right, graph all of the possible combinations that Caitlin could purchase.



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