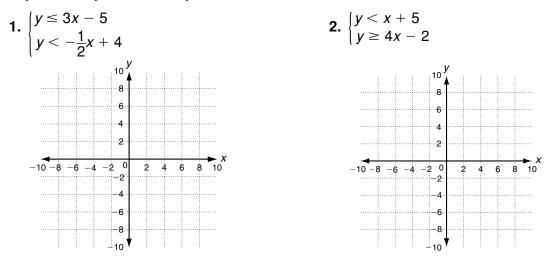
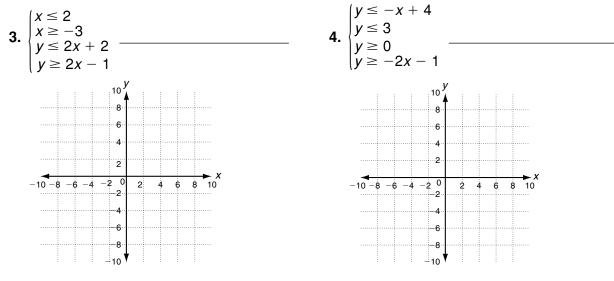
Date Class

LESSON Practice B **3-3** Solving Systems of Linear Inequalities

Graph each system of inequalities.



Graph the system of inequalities, and classify the figure created by the solution region.



Solve.

5. The Thespian Club is selling tickets to its annual variety show. Prices are \$8 for an adult ticket and \$4 for a student ticket. The club needs to raise \$1000 to pay for costumes and stage sets. The auditorium has a seating capacity of 240. Write and graph a system of inequalities that can be used to determine how many tickets have to be sold for the club to meet its goal.

