



PRACTICE AND PROBLEM SOLVING

Independent Practice					
For	See Example				
12 1/	1				
12-14	2				
10-10	2				
19	3				
20-21	4				

Extra Practice Skills Practice p. S15 Application Practice p. S33 Tell whether the ordered pair is a solution of the given inequality.

12. ()	2, 3); $y \ge 2x + 3$	13.	(1, -1); y < 3x - 3	14.	(0, 7); y > 4x + 7
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Graph the solutions of each linear inequality.

- **15.** y > -2x + 6 **16.** $-y \ge 2x$ **17.** $x + y \le 2$ **18.** $x y \ge 0$
- **19. Multi-Step** Beverly is serving hamburgers and hot dogs at her cookout. Hamburger meat costs \$3 per pound, and hot dogs cost \$2 per pound. She wants to spend no more than \$30.
 - **a.** Write an inequality to describe the situation.
 - **b.** Graph the solutions.
 - **c.** Give two possible combinations of pounds of hamburger and hot dogs that Beverly can buy.

Write an inequality to represent each graph.

20.



