

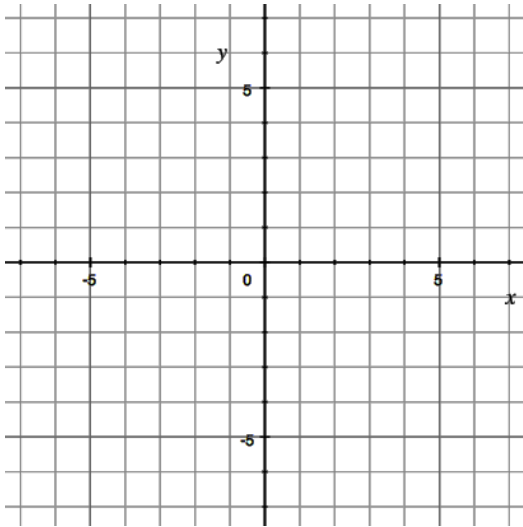
Number:

Textbook Section:

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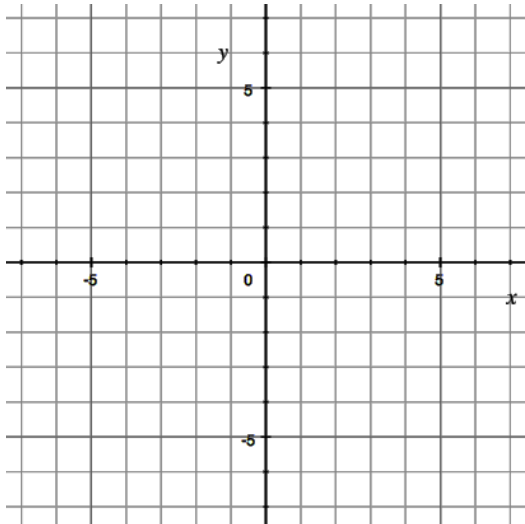
1. Graph the solution set to the inequality.

$$y < 4 - x^2$$



Graph the solution set to each system of inequalities.

2.
$$\begin{cases} x^2 + y^2 \leq 9 \\ y \geq x - 1 \end{cases}$$



3.
$$\begin{cases} x \geq 0 \\ y \geq 0 \\ x + y \geq 2 \\ 2x + 3y \leq 12 \\ 3x + y \leq 12 \end{cases}$$

