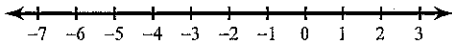


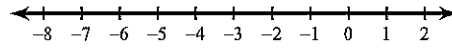
A7 Inequalities Review

Solve each inequality and graph its solution.

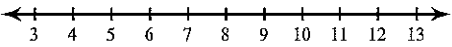
1) $0 \geq 2a + 2a$



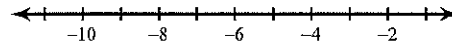
2) $4k + 5k < -18$



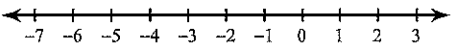
3) $-3(3 + 3p) < -81$



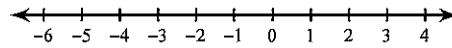
4) $4(-5x - 4) > 124$



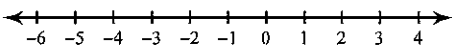
5) $3n - 4 \leq n + 3(4 + 6n)$



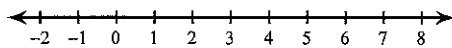
6) $-3(-8 - 2m) \leq 5m + 26$



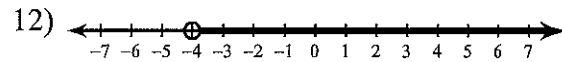
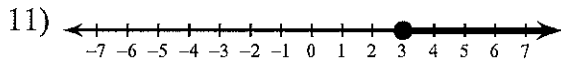
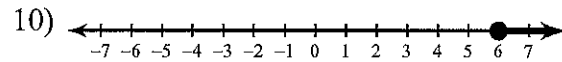
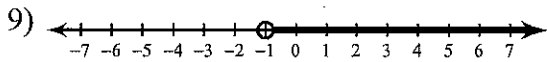
7) $4(r - 2) - 5(r + 1) > r - 6 - 5$



8) $6(1 - 2x) \leq 2(x + 3)$

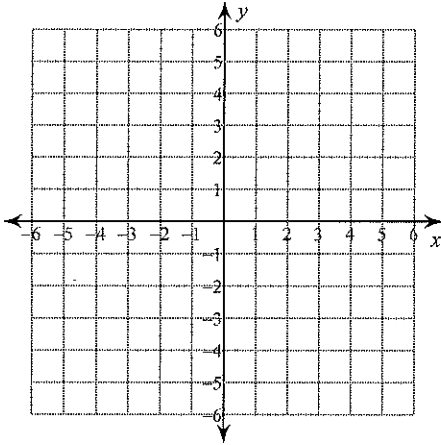


Write an inequality for each graph.

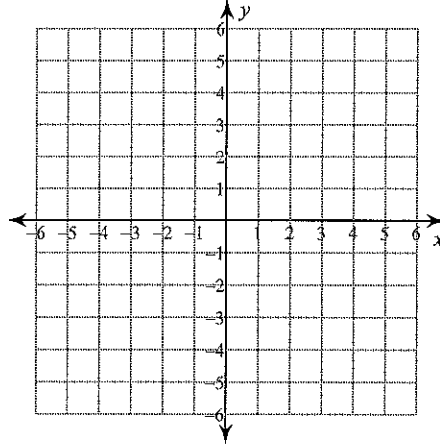


Sketch the graph of each linear inequality.

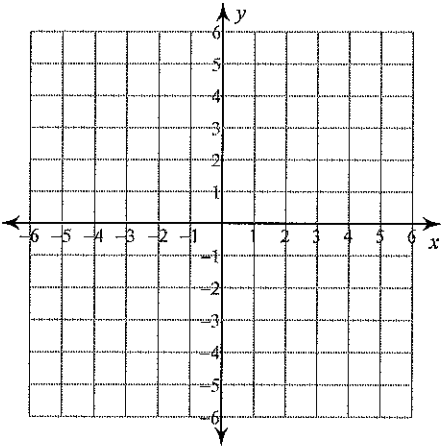
13) $y \leq -\frac{1}{2}x - 4$



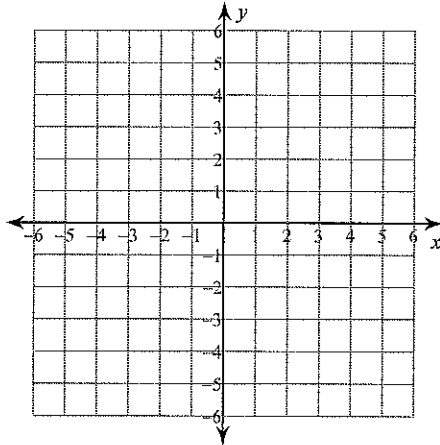
14) $y \leq -x - 2$



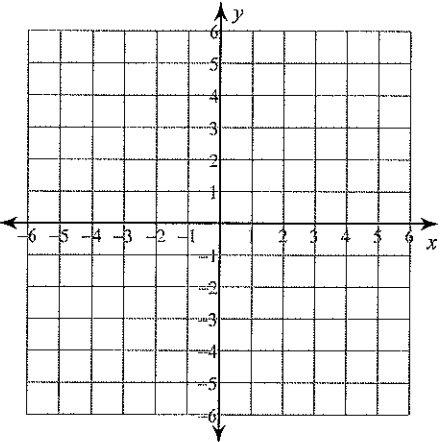
15) $y \leq \frac{5}{3}x - 1$



16) $y > -3x + 1$



17) $2x + 5y < 15$



18) $3x - y \geq -2$

