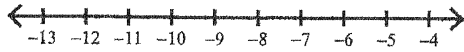


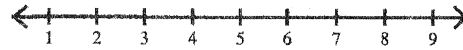
Inequalities Day 5

Solve each inequality and graph its solution.

1) $-143 > 4a - 3(-4a + 5)$



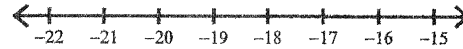
2) $-144 \leq 3(-7k - 6)$



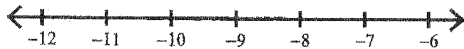
3) $-30 \geq 3(p + 8)$



4) $x - 2 > -22$



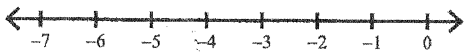
5) $-6(8 + n) < 12$



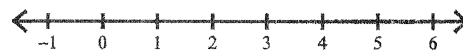
6) $0 \leq -5 + \frac{m}{2}$



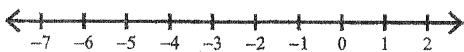
7) $-20 < 7p + 8 + 7p$



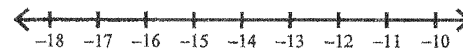
8) $4 > 4x + 5 - 5$



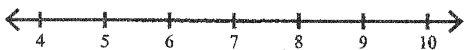
9) $-4 > \frac{-6 + n}{2}$



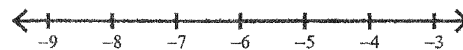
10) $113 \geq 1 - 8b$



11) $-340 > -5(4 + 8r)$

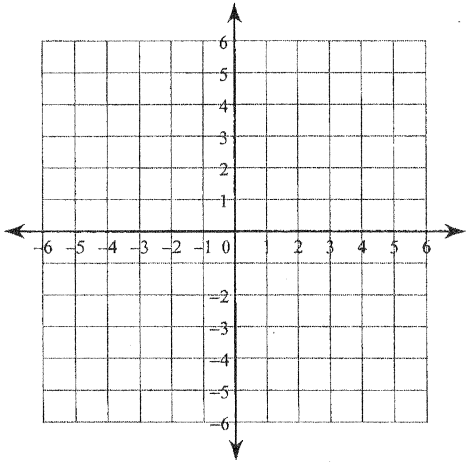


12) $-9x + 8 < 62$

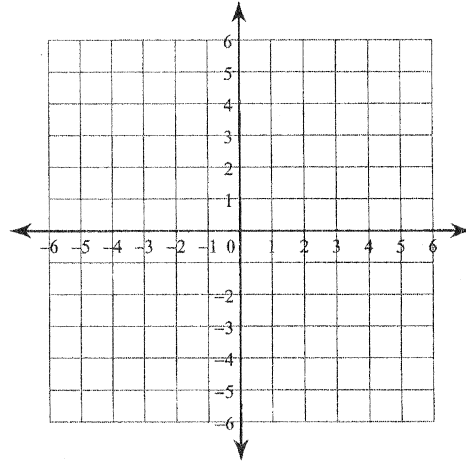


Sketch the graph of each line.

13) $y = -\frac{4}{3}x - 1$



14) $y = -\frac{8}{5}x + 3$



Solve each inequality and graph its solution.

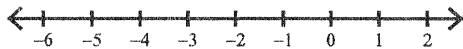
15) $-7(-8 + 7a) > -189$



16) $-3v + 8 + 8 > 10$



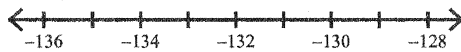
17) $7 - 4x > 1 - 7x$



18) $-10x \geq -60$



19) $\frac{n}{19} \leq -7$



20) $-1 \geq \frac{k-5}{6}$



21) $-4p - 8(-8p - 5) > -380$

