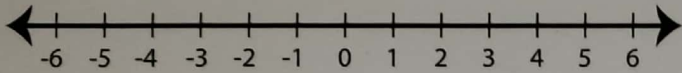


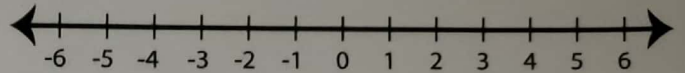
Graphing Compound Inequalities

Graph the compound inequalities.

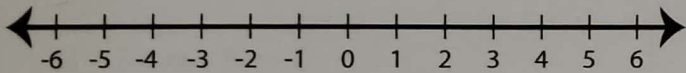
1) $x \leq 0$ or $x > 2$



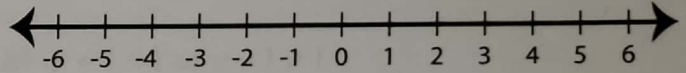
2) $x > -1$ and $x < 3$



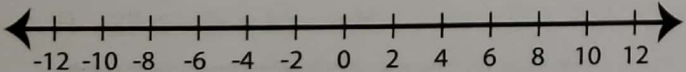
3) $-4 < x \leq 4$



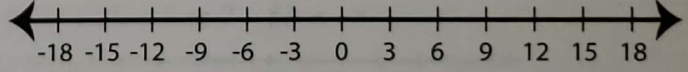
4) $x \geq 5$ or $x \leq -6$



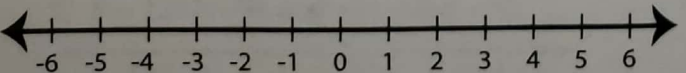
5) $10 > x > -8$



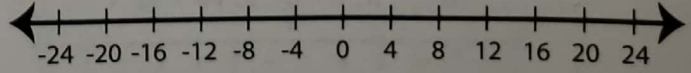
6) $x < 9$ and $x \geq 3$



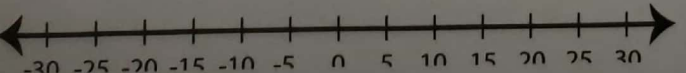
7) $x \leq -2$ and $x \geq -5$



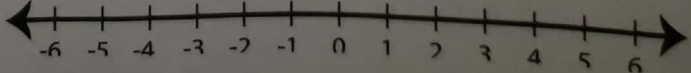
8) $x \geq 12$ or $x < -16$



9) $x > 10$ and $x < 20$



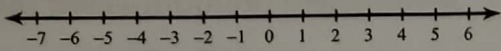
10) $-3 \leq x < 1$



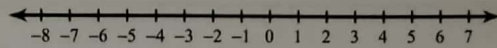
Compound Inequalities

Solve each compound inequality and graph its solution.

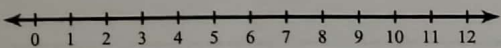
1) $n + 1 \leq -3$ or $-4n < -8$



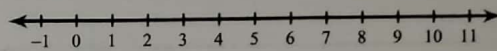
2) $\frac{k}{4} \geq 1$ or $\frac{k}{3} \leq -1$



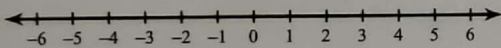
3) $2 < 2x < 6$



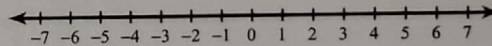
4) $6 \leq x + 6 \leq 11$



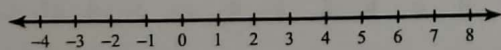
5) $-3 < m - 5 < -1$



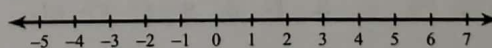
6) $p + 4 \leq 1$ or $p - 1 \geq 1$



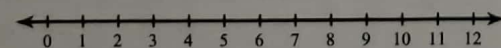
7) $-33 \leq -7n - 12 < -26$



8) $9 + 2b < 7$ or $7 - 5b < -8$



9) $9 - 12r \geq -99$ and $-2r - 4 < -12$



10) $12 + 4n > 44$ or $10 - 12n > -38$

