

## Solving Inequalities with Special Cases

Solve each inequality and graph its solution.

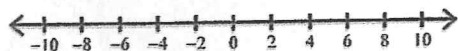
1)  $6(3 - b) > -6b + 18$



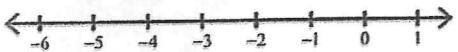
$$18 - 6b > -6b + 18$$

$$18 > 18 \quad \text{No Sol.}$$

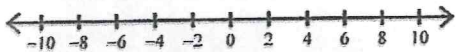
3)  $-2 - 5r < -(5r + 5)$



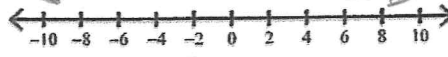
5)  $-6(4x + 2) > -3x + 30$



7)  $v < -(1 - v)$



2)  $5(5 + n) \leq 25 + 5n$

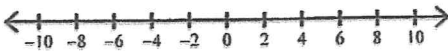


$$25 + 5n \leq 25 + 5n$$

$$25 \leq 25$$

Inf. Sol

4)  $-2(v + 2) \leq -4 - 2v$



6)  $-5p + 21 > 3(p - 3) - 2$



8)  $-(n + 4) - 2 \leq -6 - n$

