

# Special Compound Inequalities

Solve, graph on a number line and give the solution as an interval

20.  $2x - 5 > 3$  or  $-4x + 7 < -25$

21.  $2x - 5 > 3$  and  $-4x + 7 < -25$

22.  $-x + 1 > -2$  or  $6(2x - 3) \geq -6$

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40.  $x - 6 \leq 18$  and  $3 - 2x \geq 11$

41.  $x - 6 \leq 18$  or  $3 - 2x \geq 11$

42.  $3(2x - 5) > 15$  and  $4(2x - 1) > 10$

43.  $3(2x - 5) > 15$  or  $4(2x - 1) > 10$