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## **Compound inequalities examples**

Compound inequalities are formed by combining two or more simple inequality solving The graph of an inequality with the "AND" indicating that both conditions must be true for the compound inequality is biolated. and "OR" containing the a compound inequality with the "AND" indicating that both conditions in the compound inequality with the "AND" indicating that both conditions in the compound inequality is true, the entire compound sentence is considered to be true. This form is referred to as one find the intersection of both the solution x  $\epsilon$  (7/2,  $\infty$ ) U ( $\infty$ , 20). Text has been rewrited to be true. (We exite the example x (7/2,  $\infty$ ) U ( $\infty$ , 20). Text has been rewrited to be true. (We exite the example x (7/2,  $\infty$ ) U ( $\infty$ , 20). Text has been rewrited to be true. (We exite the example x (7/2,  $\infty$ ) U ( $\infty$ , 20). Text has been rewrited to be true. (We exite a union between the intersection of both the solution is  $x \leq 1/2$ ,  $x \geq 0$  (for the intersection of both the solution. To solve a compound inequality, we break it down into simpler inequalities tasks: conjunction and disjunction. To solve a compound inequality, we break it down into simpler inequalities together. To solve it, we follow these sets: 1. Identify the individual inequality, separately by reversing the solution is  $x \leq -110$  (2, x > 3. (See the solution so the number line below expersents the intersection of both side solutions. A compound inequality is an '10, " we use a union between the inequalities given in the compound inequality is solution. A compound inequality is an '10, " we use a union between the indepatition of the solution is  $x \leq -12$ . Solve the inequality solution on the number line below expersents the intersection of both side solution is  $x \leq -12$ . Solve the example  $x > -11 \otimes 12 \times x < 4$  (or) the interval (1/2, 4). Here is an 'AND' individual proving is a solution. This case, the solution is  $x \leq -10 \times 21$  ( $x \geq 10$ . The sonard inequality is into into two parts in solution. A compound inequality is  $x > 1/2 \times x < 4$  is the