

Name \_\_\_\_\_

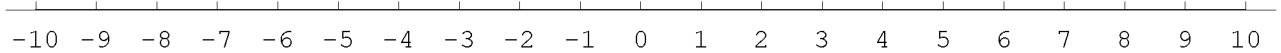
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**[06-02-12C-T9]**  
*Set and interval notation*

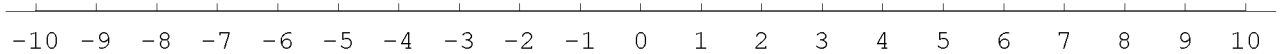
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■ **A. Write the solution set of each inequality using (a) set builder notation and (b) interval notation. Then (c) graph each solution set. Answer on this sheet.**

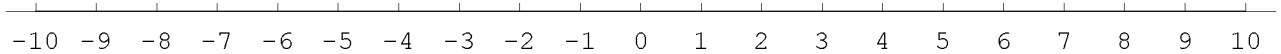
[1]  $x > 2$



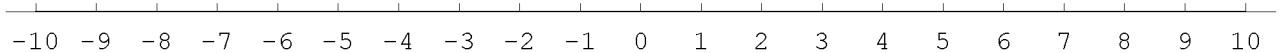
[2]  $x < 5$



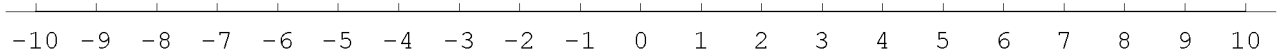
[3]  $x \leq 2$



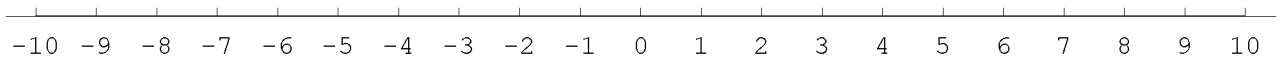
[4]  $x \geq -5$



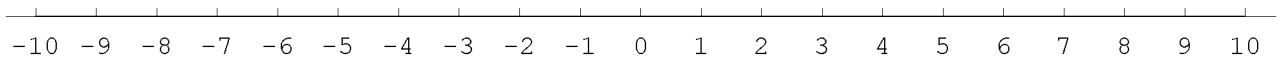
[5]  $-5 < x$  and  $x \leq 3$



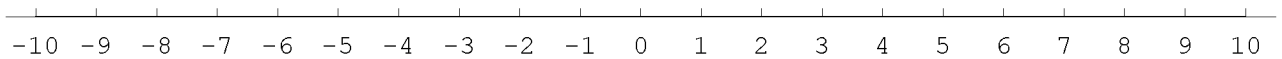
[6]  $3 < x < 7$



[8]  $-9 < x \leq -2$



[9]  $x < -3$  or  $x > 2$



[10]  $x < -3$  and  $x > 2$

