

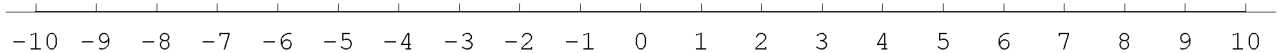
Name _____

[07-08-31-T10]

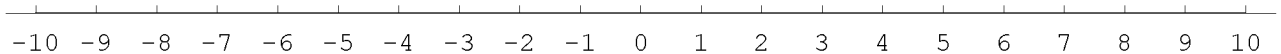
Interval notation

■ **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.**

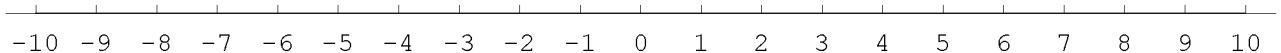
[1] $x > 2$



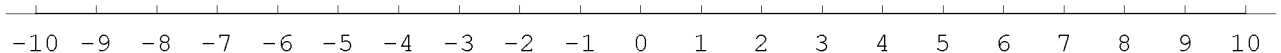
[2] $x < 5$



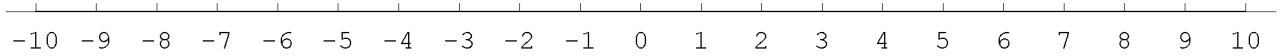
[3] $x \leq 2$



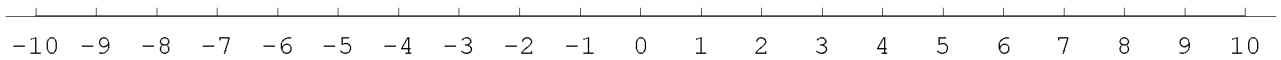
[4] $x \geq -5$



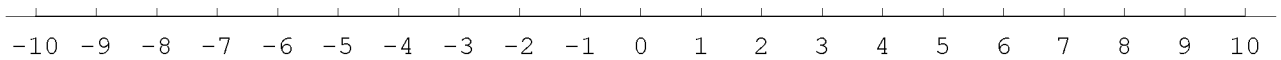
[5] $-5 < x$ and $x \leq 3$



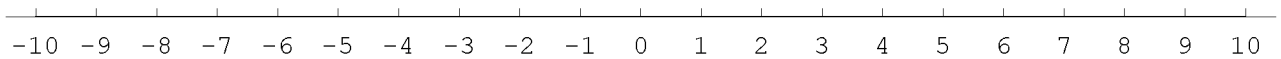
[6] $3 < x < 7$



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



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



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

