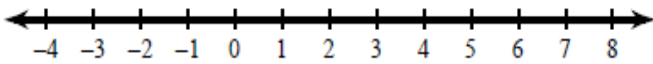


## Absolute Value Inequalities

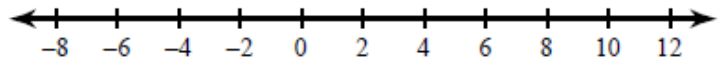
Name: \_\_\_\_\_

Solve each absolute value inequality, graph the solution on the number line, and write the solution as an interval.

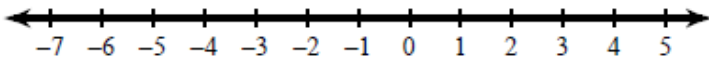
1)  $|x - 2| - 5 > -2$



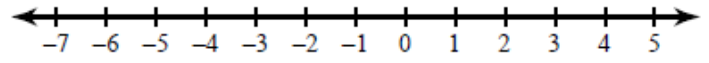
2)  $|m - 2| < 8$



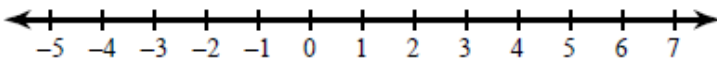
3)  $1 + |1 + b| < 4$



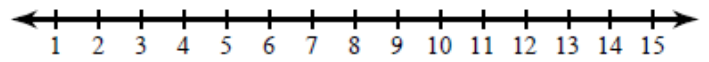
4)  $|10p - 4| > 34$



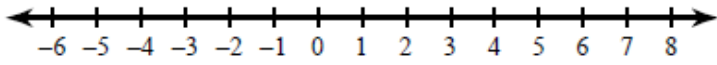
5)  $|-8a - 3| > 11$



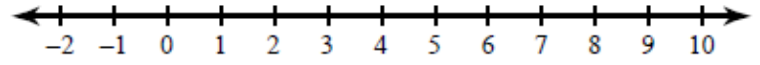
6)  $9|m - 8| - 10 \leq 26$



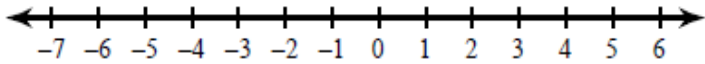
$$7) 9|r - 2| - 10 < -73$$



$$8) 4|6 - 2a| + 8 \leq 24$$



$$9) 2|10b + 7| - 1 > 73$$



$$10) 3 - |x + 4| \leq 9$$

