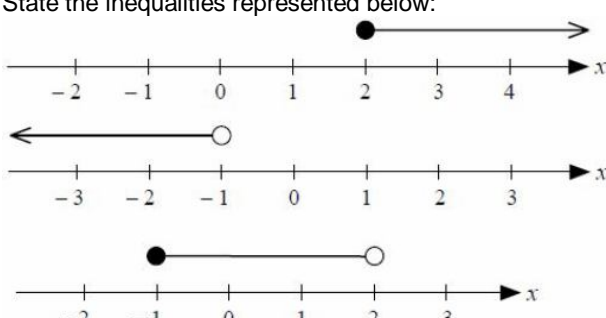
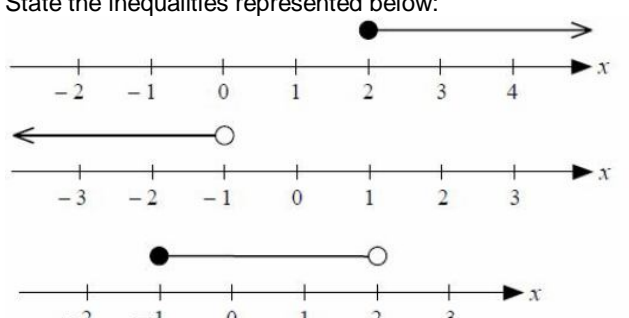
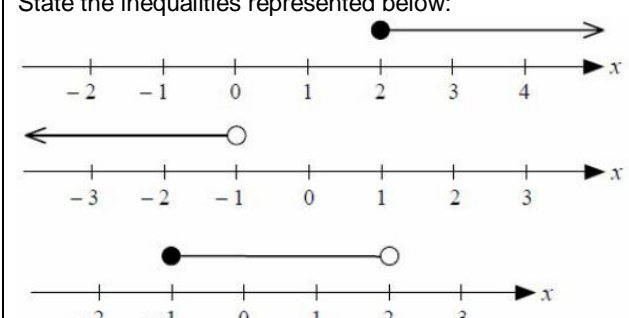


Inequalities	Name _____
List 3 integers that satisfy the following inequalities: $x > 5$ $3 < x$ $-5 \leq x$ $5 < x < 10$ $-1 \leq x < 5$	
List all the integers that satisfy the following inequalities: $4 < x < 8$ $-2 \leq x < 4$ $-5 < x < 1$ $8 \leq x \leq 10$ $-4 \leq 4x < 16$ $3 \leq \frac{1}{2}x < 5$ $2 < -x < 7$	
List 3 integers that satisfy BOTH inequalities $x > -5$ AND $3x < 6$	
List 3 integers that satisfy BOTH inequalities $x \leq -5$ AND $-10 < x < 6$	
List all the integers that satisfy BOTH inequalities $x > -1$ AND $-5 < x \leq 9$	
Solve the following inequalities: $3x > 9$ $2x + 2 < 8$ $5x - 1 > 9$ $3x - 1 < 2x + 4$ $5x + 3 \leq 7x - 11$ $3(x+3) \geq 12$	
Write these as inequalities: (A) x is larger than 2 but less or equal to 6 (B) y is a number smaller than minus one yet greater than -7	
State the inequalities represented below: 	
Represent the following inequalities on a number line: $x > 2$ $1 < x$ $-3 \leq x$ $1 < x < 4$ $-3 \leq x < 4$	
John manufacturer Red and Blue pens. He needs to ensure he makes more than double the number of red pens as blue and the total number of pens is at least 500. Let x be the number of red pens and y be the number of blue pens. Use this information to write an inequality given the information.	

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