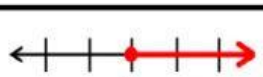
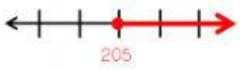
Name:_____ Teacher:_____ Pd:_____

Match word problem to its variable, to its inequality, and to its solution or graph

Problem	Variable	Inequality	Solution or Graph
The Falcon Football team is selling raffle tickets. It costs $155 to print them and they want to make a profit of AT LEAST $2,500. How much do they need to raise to meet their goal?			
	Width of chicken coop	$12x \geq 300$	
Mia received 45 ballots from the student council election. More ballots were dropped off to give Mia AT LEAST 250 ballots. How many ballots were dropped off?		$45 + x \geq 250$	
	Number of minutes		$x \leq 70$
Marco is buying presents for his 5 friends. He wants to spend NO MORE THAN $175. On average, how much can he spend on each friend?	Amount per person		

Number of ballots dropped off		$x \leq 270$	$0.30x \leq 21$
$x < 35$	Skype charges 30 cents per minute to make a call. How long could a caller talk for $21.00?	Number of dollars	$5x < 175$
$x - 155 \geq 2{,}500$	Number of students		A farmer wants to build a chicken coop. The MINIMUM area of the coop is 300 ft^2. The length is 12 feet, how wide does the coop need to be?

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