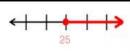
Name:	Teacher:	Pd:
ranic		

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?			2655
	Width of chicken coop	12x ≥ 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 ≥ 250	
	Number of minutes		x ≤ 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 ≤ 270	0.30x ≤ 21

dropped off



x < 35

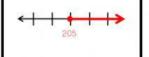
Skype charges 30 cents per minute to make a call. How long could a caller talk for \$21.00?

Number of dollars

5x < 175

 $x - 155 \ge 2,500$

Number of students



A farmer wants to build a chicken coop. The MINIMUM area of the coop is 300 ft2. The length is 12 feet, how wide does the coop need to be?