Name: _____

Class/Block: _____ Date: _____

Graphing Inequalities (1)

Look at the statement and the representation. Decide if the representation is correct for the given statement. Explain why or why not.

No.	Statement	Graph / Representation	Ratio 2	Explain your reasoning
1.	More than 12 students went on the ski trip.	(number line 11 12 13 14 15 16 17, closed dot at 12, arrow right)	☐ A. Correct ☐ B. Incorrect	
2.	Sue swam less than 50 meters.	$x < 50$	☐ A. Correct ☐ B. Incorrect	
3.	Southern Maine received less than 5 inches of snow in the last storm.	(number line 0 1 2 3 4 5, closed dot at 5, arrow left)	☐ A. Correct ☐ B. Incorrect	
4.	Students under 12 years old get in the park for free.	$x \leq 12$	☐ A. Correct ☐ B. Incorrect	
5.	Judy's doctor recommended that she eat no more than 6 grams of fat at each meal.	(number line 0 1 2 3 4 5 6, closed dot at 0, segment to 6)	☐ A. Correct ☐ B. Incorrect	
6.	At least 7 of the soccer games were rained out.	$x < 7$	☐ A. Correct ☐ B. Incorrect	
7.	John ran more than five miles.	(number line 5 6 7 8 9 10, open dot at 5, arrow right)	☐ A. Correct ☐ B. Incorrect	