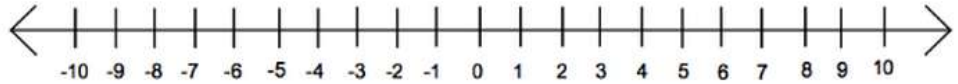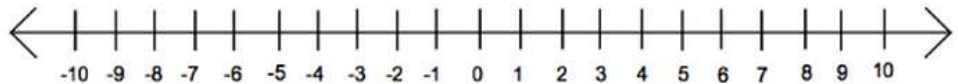# ALGEBRA 1
Chapter 3 Quiz 1

NAME:

REVIEW PROBLEMS

Solve each inequality. Graph the solutions.

1. $7 < 2x - 3$

2. $-6x \leq 18$

Write and solve an inequality to model each situation.

3. Fifty-five is less than two-thirds of a number a.

4. Five less than the product of two and a number b is at most 20.

Solve each inequality.

5. $4x + 3 > 9x - 5$

6. $-3(5b + 2) - 7b > 10$

7. $4w + 5 > 2(2w + 3)$

8. $-5(w + 2) > 9 - 5w$

9. Miss Figliomeni wants to travel to Europe this summer for two weeks. She needs to save at least $6,000 to go on her trip. She has saved $3000. She will deposit $200 each month towards her trip. Write and solve an inequality to determine how many months she will need to deposit $200 in the bank.

Question #	Correct	Incorrect	If Incorrect, Retry the problem, write down ALL work from the video	Yes, I now understand the problem	No, I still do not understand the problem
1.					
2.					
3.					
4.					
5.					

6.					
7.					
8.					
9.					