7.5 B **Writing Inequalities Assignment**

Name _____ Period _____

Write the word sentence as an inequality.

1. 3 is more than x.

2. *b* is less than 14.

3. x is at least 36.

4. *t* is a minimum of 12

5. A number x divided by 3 is fewer than 15.

6. The sum of a number *b* and 2 is less than 23.

7. Twice a number *y* is at most 8.

8. A number *t* is no more than 12

9. A number *y* is no less than -13

10. A number *z* increased by 7 is a maximum of 23

11. 6 plus a number *x* is at least 12.

12. A number *k* minus 7 is greater than or equal to 10.

Write an inequality for the following word problems.

13. You are fishing and are allowed to catch striped bass that are no less than 18 inches long.

14. For food to be labeled low sodium, there must be no more than 140 milligrams of sodium per serving.

15. You must be at most 48 inches tall to go on the Busy Boats at the park.

16. Fifty people are seated in a movie theater. The maximum capacity of the theater is 425 people.