



Name _____ Period _____ Date _____

Writing Inequalities for Real World Situations

Write an inequality to represent each situation. Then describe the solution set of the inequality.

1. There must be at least 14 people signed up for the class or it will be cancelled. _____

2. Today's temperature will be at most 75°F . _____

3. There were fewer than 20 people at the 2 P.M. matinee yesterday. _____

4. Nancy's goal is to lose at least 50 pounds in the next 3 months. _____

5. The oven temperature must be at least 325°F for the meat to cook in the time allotted. _____

6. The school bus can seat at most 72 children. _____

7. To be eligible to use the store coupon, customers must spend a minimum of \$50. _____

8. Skate World's Ice Rink must maintain the ice at a temperature of no more than 26°F . _____

9. At most, the classroom will seat 45 students. _____

10. Lakisha works at least 35 hours per week. _____

11. The restaurant's seating capacity is a maximum of 120 people. _____

12. Dodger Stadium in Los Angeles, California can hold up to 56,000 people. _____

13. The plane's altitude remained above 30,000 for the last hour. _____

14. Susan needs to score a minimum of 91% on her next test to maintain her "B" average. _____

- *15. For the bus tour to go to the Grand Canyon there must be at least 30 and at most 45 paid customers. _____
