

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Class: \_\_\_\_\_

## **Pro Bowl Inequalities**

### **Directions:**

1. This is a two-player game. It is worth five points to the winner and three points to the runner up added onto your next test grade. You will only receive this point if you finish the game.
2. The winner of the game is the first person to score two touchdowns. Each touchdown is worth seven points. Start with the scoreboard 0-0. When a player scores the first touchdown remove the 0 and get a 7 out of the score folder hanging on the board.
3. Decide who is the AFC and NFC team. To decide who starts the game, play Paper, Rock, Scissors. Now that you have decided who goes first, this will be Player 1, place the football on the 30-yard line of your side of the field.
4. The person that is on defense (Player 2) picks a card out of either the word problems folder or the questions folder hanging on the board Player 1 decides which folder to pick from. The word problems are worth 20 yards and the rest of the questions are worth 10 yards if answered correctly. Player 1 writes the question and answer on their worksheet when they are finished they will show the answer to Player 2 to see if they are correct (Answer on back of cards). If Player 1 is correct move the football 10 yards towards Player 2's end zone. If Player 1 is incorrect the football does not move. Place the card to the side so you don't get the same card twice. You continue this process until Player 1 scores a touchdown or gets two questions incorrect.
5. If Player 1 scores a touchdown then Player 2 places the football on their 30-yard line and you repeat step 2 with Player 1 asking the questions. If Player 1 gets two questions incorrect then player 2 starts with the football at the place where Player 1 ended.
6. If either player gets a total of four questions wrong then the other player wins if they have a higher score. If the score is tied the other player has one more opportunity to score and if they do not score then go to the last question on the handout on the last page and complete the question. After completion turn in the handout and I will determine the winner.
7. Write each question down on your worksheet on the spaces provided. Turn in the handout when completed to receive full credit.

**Directions:** All the questions are related to inequalities. Write down the question in the space provided and then write down your answer (SHOW ALL WORK!). If a line graph is needed to show a solution set make sure to include that too.

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

14.

15.

## Tiebreaker Question

**Directions:** If you have completed all the previous questions and the score is still tied then this is the tiebreaker. Complete the following question to the best of your ability and had in for me to grade and I will determine the winner. This questions is worth 3 points.

Write an inequality to represent the following (1 point). Then graph the inequality on a number line (1 point). After graphing the inequality explain each step below (1 point).

