Name _____

The Superbowl Proportional Relationship Word Problems

1. In the Super Bowl halftime show, a singer performed for 15 minutes. If the duration is directly proportional to the number of songs performed, how long would the performance be if the singer performed 8 songs?

2. A football team scores an average of 28 points per game. If the number of points scored is directly proportional to the number of games played, how many points will the team score in 10 games?

3. During the Super Bowl, the cost of a hot dog is $5. If the cost is directly proportional to the number of hot dogs, how much will 3 hot dogs cost?

4. A quarterback completes 70% of their passes during the Super Bowl. If the number of completions is directly proportional to the number of attempts, how many completions will the quarterback have if they attempt 40 passes?

5. In a Super Bowl pool, the prize money is $1000. If the amount won is directly proportional to the number of squares selected, how much will the prize be for someone who selected 3 squares?

6. A football field is 100 yards long. If the length is directly proportional to the number of plays, how many yards will be covered in 50 plays?

7. The number of viewers for the Super Bowl halftime show is directly proportional to the number of minutes it lasts. If 100 million people watched a 10-minute halftime show, how many people will watch a 15-minute halftime show?

8. A Super Bowl ticket costs $500. If the cost is directly proportional to the number of people attending, how much will it cost for a group of 8 people?

9. A Super Bowl commercial lasts for 30 seconds. If the duration is directly proportional to the cost, how much will a 15-second commercial cost if 30-second commercial costs $5 million?

10. The Super Bowl trophy weighs 7 pounds. If the weight is directly proportional to the number of players on the winning team, how much will the trophy weigh if the team has 53 players?