

4. The store at which Andy usually shops is having a sale. Roast beef costs \$4 a pound and shrimp costs \$10 a pound.

a. Write an equation to describe different possible combinations of Roast beef and shrimp that he can buy for \$96.

b) What is the greatest amount of shrimp he can buy?

5. It will take 20 points to make the playoffs, the hockey team coach told the players. “We get 2 points for a win and 1 point for a tie.” Let W be the number of wins and T the number of ties.

a. Write an equation to describe the values of W and T that will let the team make the playoffs.

b. If the team wins 7 games, how many tie games will need to occur?