MATH 150 Review Quiz 5A

1. Write the negations of the statements:
   a. Some popcorn is not cheese flavored. _____________________________________________
   b. All candy is sweet. ____________________________________________________________
   c. $3 + 6 < 10$ _________________________________________________________________

2. Using $p$: Tom weighs 175 lbs, $q$: Jill drives a Yugo, and $r$: Footballs are brown, translate the following:
   a. $\sim (p \land \sim q)$ into words: _______________________________________________
   b. “Footballs are not brown or Tom does not weigh 175 lbs.” into symbols ______________

MATH 150 Review Quiz 5B

1. Write the negations of the statements:
   a. Some rectangles are squares. ____________________________________________________
   b. All monkeys eat bananas. ______________________________________________________
   c. $3 + 6 > 10$ _________________________________________________________________

2. Using $p$: Tom weighs 175 lbs, $q$: Jill drives a Yugo, and $r$: Footballs are brown, translate the following:
   a. $\sim (\sim q \lor r)$ into words: ____________________________________________________
   b. “Footballs are not brown and Tom does weigh 175 lbs.” into symbols ______________