Math 107: Quiz 1

1) Give an example of a deceptive argument. Identify the premise(s) and the conclusion, and explain why the argument is deceptive.

2) Use proper set notations to represent the set of all the natural numbers that are less than $\frac{17}{3}$.

3) The statement

If p, then (q and r)

is false when (circle *all* correct answers)

     A. $p = T, q = F, r = F$
     B. $p = T, q = F, r = T$
     C. $p = F, q = T, r = T$
     D. $p = F, q = T, r = F$