1. Write the inverse of the statement: If I am silent, then my opinion is not heard.

2. Write the converse of the statement: \((p \land q) \rightarrow (q \lor \sim r)\)

3. The statement “If the computer is broken, then the data is lost” is equivalent to:
   a.) The computer is broken and the data is lost
   b.) If the computer is not broken, then the data is not lost
   c.) If the data is lost, then the computer is broken
   d.) If the data is not lost, then the computer is not broken

   Answer ________

4. Write each statement in the form If p, then q:
   a.) All good things must come to an end.
   b.) Being confident is necessary for being prepared.

5. For each argument:
   a.) Sketch an Euler diagram that correctly represents the premises
   b.) Determine if the argument is valid or invalid

   i.) All thefts are immoral acts
       Some thefts are justifiable
       ------------------------------------------
       Some immoral acts are justifiable

   ii.) All multiples of 6 are multiples of 3
        8 is not a multiple of 3
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        8 is not a multiple of 3