CMPE 16 Homework #3

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1. You have six friends, Ann, Bob, Doris, Fay, Joe and Matt. One of them always tells the truth and the other five always lie. They each make a statement as indicated below.
   Ann says
   Bob says
   Doris says
   Fay says
   Joe says
   Matt says
   Fay tells the truth.
   Ann tells the truth.
   Matt or Bob tells the truth.
   Doris tells the truth.
   Fay lies.
   Joe and I lie.

   Answer :

2. You have four friends, Meg, Pat, Zoe and Tim. Two of them always tell the truth and the other two always lie. They each make a statement as indicated below.
   Meg says
   Pat says
   Tim says
   Zoe says
   I tell the truth, but Tim does not.
   Tim and I are different when it comes to telling the truth.
   Pat or Zoe lie.
   I tell the truth, but Tim does not.
   Determine which two friends tell the truth using the same technique as in the previous problem.