1. 1. Yes, 6 & 10
   2. Yes, 2, 5, 11, & 13
   3. Yes, 4 & 14
   4. Yes, 3, 4, 10, & 12
2. 1. grandfatherOf(x,y) -> male(x)
   2. childOf(x,y) ^ brotherOf(y,z) ^ male(z) -> uncleOf(z,x)
   3. fatherOf(x,y) ^ fatherOf(y,z) -> grandfather(x,z)
   4. ancestorOf(x,y) ^ ancestorOf(y,z) -> ancestorOf(x,z)
   5. fatherOf(y,x) ^ female(x) -> daughterOf(x,y)
   6. daughterOf(x,y) ^ daughterOf(y,z) -> granddaughterOf(x,z)
3. 1. childOf(x,y) ^ male(x) ^ siblingOf(y,z) -> nephewOf(x,z)
   2. childOf(x,y) ^ childOf(z,k) ^ siblingOf(y,k) -> cousinOf(x,z)
   3. motherOf(z,x) ^ spouseOf(x,y) -> motherInLawOf(z,y)
   4. childOf(x,y) ^ male(x) ^ childOf(y,z) -> grandsonOf(x,z)
4. 1. childOf(x,y) ^ siblingOf(y,k) ^ childOf(z,k) -> cousinOf(x,z)
   2. cousinOf(x,y) -> cousinOf(y,x)
   3. parentOf(x,y) -> ancestorOf(x,y)  
      ancestorOf(x,y) ^ ancestorOf(y,z) -> ancestorOf(x,z)
   4. ancestorOf(x,y) ^ ancestorOf(y,z) -> ancestorOf(x,z)