```
1)
\forall x, \forall y, p(x,y)
b.
\forall x, \exists y, p(x,y)
\forall x, \exists y, p(y,x)
\forall y, \exists x, p(y, x)
\exists (x,y,z), \neg p(x,(y,z)), \neg p(y,(x,z)), \neg p(z,(x,y))
\forall x, \exists y, \neg p(x, y)
g.
\forall y, \exists x, \neg p(x, y)
\forall y, \exists x, p(x,x) \land \neg p(y,x)
\forall x, \exists (y), \neg (x = y) \land p(y, x)
\exists x, \exists y, \exists z, (p(x,y) \land p(x,z) \rightarrow p(x,x))
k.
\forall z, \forall q, \exists x, \exists y, p(x,z) \land p(y,q) \land (\neg(z=q))
\forall x, \forall y, (p(x,x) \land (\neg p(x,y))) \rightarrow (\neg p(y,x))
\exists x, \exists y, \exists z, ((\neg(x=y)) \land (\neg(x=z)) \land (\neg(y=z))) \land (p(x,y) \land p(y,z) \land (\neg p(x,z)))
2)
\forall x, \exists y, pred(y,x)
b.
\forall x, \exists y, pred(x,y)
c.
\forall x, \forall y, \exists z, pred(x, z) \land (\neg pred(x, y))
d.
\exists x, \forall y, \forall z, pred(x,y) \leftrightarrow (\neg pred(x,z))
\forall x, \neg pred(x,x)
\forall x, \forall y, pred((\neg even(x)), even(y))
g.
\forall x, \forall y, \exists z, (x < y) \leftrightarrow (pred(x, y) \lor (pred(z, y) \land (x < z)))
```