A father, a mother, 2 sons, 2 daughters, a guard and a prisoner want to cross the river.

1. The raft can carry only 2 people.

2. The father can not be left with any of the daughters unless the mother is present

3. The mother can not be left with any of the sons unless the father is present.

4. The criminal can not stay with any family member unless the guard is present.

5. Only the father, mother, and guard know how to use the raft.

Answer

cross. Guard + Prisoner  → G + P
back. Guard

cross. Guard + Girl  → G + S
back. Guard + Prisoner  → G + P

cross. Mother + Girl  → F + S
back. Mother  → F

cross. Mother + Father  → M + F
back. Mother  → M

cross. Guard + Prisoner  → G + P
back. Father  → F + M

cross. Father + Mother  → F
back. Father  → M + A

cross. Father + Boy  → G + P
back. Guard + Prisoner  → G + A

cross. Guard + Boy  → G
back. Guard  → G + P

cross. Guard + Prisoner  → G + P