

Friday, 06 April 2018

Jennifer Jefferson (A) is the daughter of Karen and Brian Cooper who have two other children, Jennifer's identical twin Gemima Gettings and John Cooper. Jennifer is married to Michael and they have a 14 year old daughter Michelle (B) who appears to have become close to a family friend Jim Dawson.

Michelle has become withdrawn at school. When her form teacher tried to identify the cause of her unhappiness she became abusive and violent, storming out of school. Her teacher's concerns were passed on to an Educational

Psychologist who suspects that Michelle is being sexually abused and refers the matter to Inspector Baines of the Child

Protection Unit. With the mother's consent a medical examination is made. It is found that Michelle has been sexually active and a vaginal swab is taken (I).

Genetic material is extracted from mouth washes provided by family members and family friend Jim Dawson. Genetic fingerprints A-I were produced. However due to a mix-up in the lab they do not know to whom the genetic fingerprints C to H belong to. Assist Inspector Baines in identifying the genetic fingerprints giving clear explanations that can be used in court.

Then determine if any of those named has been having unlawful sex with Michelle.

Case Study

Genetic Profiles

