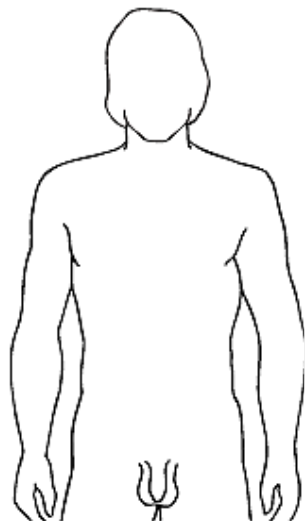
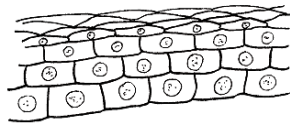


INFORMATION SHEET 1: CHROMOSOMES AND YOU



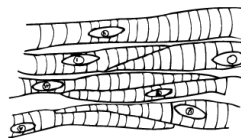
Sperm are made
in the man's testes

SKIN CELLS

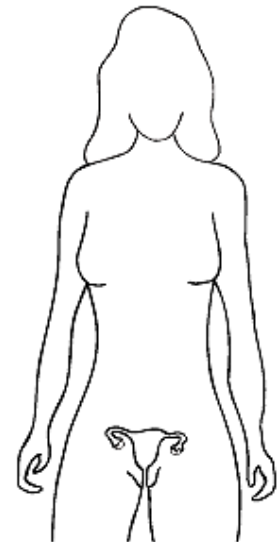


Nucleus containing 46 chromosomes

MUSCLE CELLS

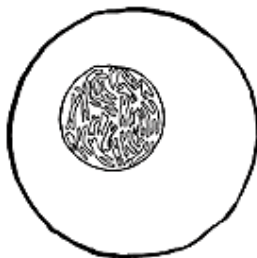


Nucleus containing 46 chromosomes



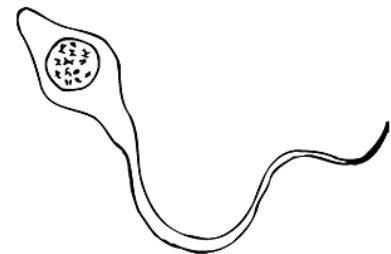
Eggs are made in
the woman's

AN EGG CELL



Nucleus containing 23 chromosomes

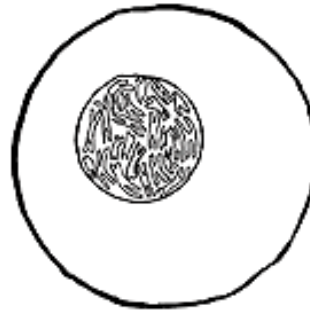
A SPERM CELL



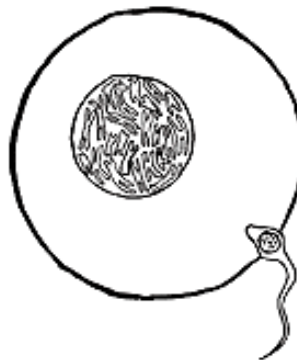
Nucleus containing 23 chromosomes

INFORMATION SHEET 1: CHROMOSOMES AND YOU

SO...WHEN FERTILISATION TAKES PLACE...



.....AN EGG CELL CONTAINING 23 CHROMOSOMES JOINS WITH A SPERM CELL CONTAINING 23 CHROMOSOMES TO MAKE A ZYGOTE OR FERTILISED EGG CELL CONTAINING 46 CHROMOSOMES AND...



...THIS IS THE BEGINNING OF A UNIQUE INDIVIDUAL