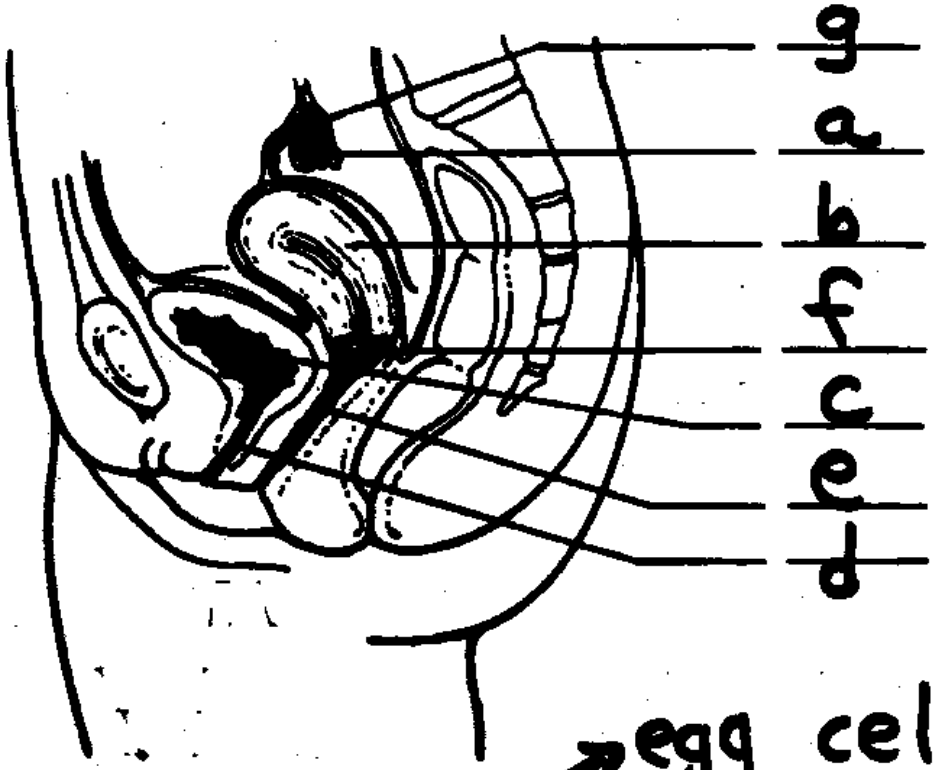
THE FEMALE REPRODUCTIVE SYSTEM

Name _____

Label the parts of the female reproductive system on the diagram.

a. ovary
b. uterus
c. urinary bladder
d. urethra
e. vagina
f. cervix
g. Fallopian tube

oviduct



egg cells

Fill in the blanks with the correct answers.

The female is born with about two million oocytes halted at prophase I, only 400 of which will mature into ova (eggs) within her lifetime. On about the ≥ 14th day of the menstrual cycle, the ovum is released from a follicle on the surface of the ovary at ovulation. cilia move it into the fallopian tubes. Sperm are deposited in the vagina which leads to the mouth of the uterus. They must make their way through the cervix, the muscular sphincter at the opening of the uterus, through the uterus, and up the Fallopian tube to fertilize the ovum within about 24 hours or the ovum will die. Peristaltic contractions move the ovum or zygote to the uterus in about three days. If the ovum is not fertilized and implanted, menstration will occur on day 28.

In any egg cell, the sex chromosome is a (an) X chromosome. In a sperm cell, the sex chromosome is either a (an) X or a (an) Y chromosome. If a sperm with an X chromosome fertilized the egg, the sex chromosome pattern of the fertilized egg is XX and the offspring will be a girl.
If a sperm with a Y chromosome fertilizes the egg, the sex chromosome pattern of the fertilized egg is XY and the offspring will be a boy.