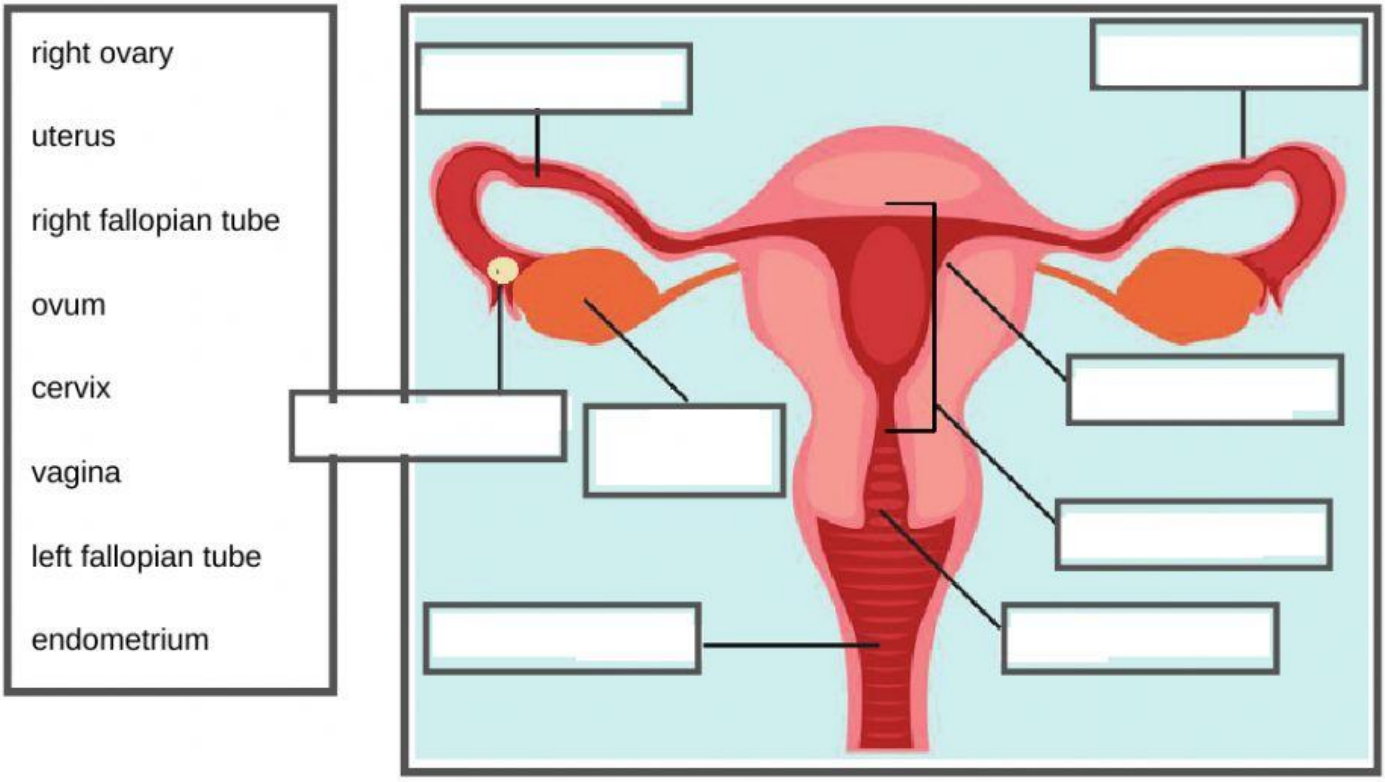
Natural Science, Unit 3: Human Reproduction **Name:**_____

1. Label the **female reproductive system**. Use the vocabulary from the box.



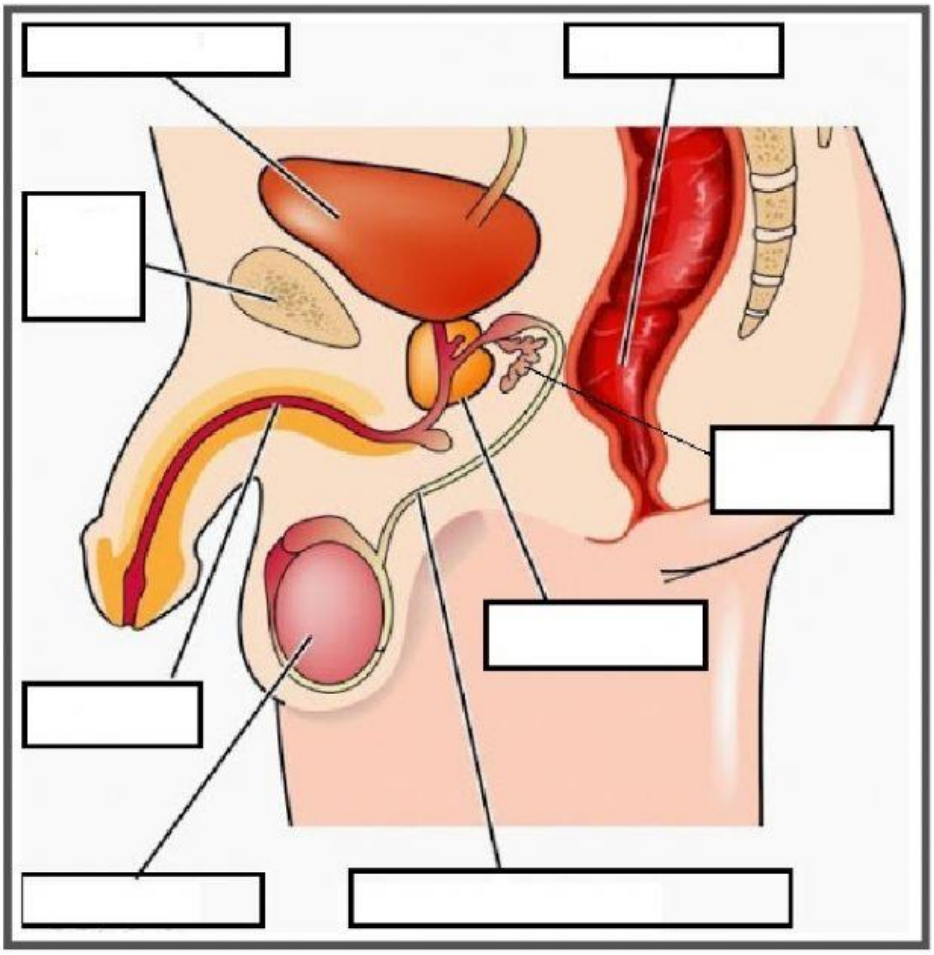
2. Use the **vocabulary from exercise one** to **answer the questions**.

a) Where can a fertilised egg grow into a baby? *In the* _____.
b) What closes to protect a developing baby? *The* _____ *closes.*
c) What do females release around every 28 days? *An* _____ *is released.*
d) What material leaves the body during menstruation? _____ *from the walls of the uterus.*
e) How does the ovum travel to the uterus? *Through the* _____.

3. Read the sentences about **puberty in girls**. **Choose one option** to complete each sentence.

a) Puberty for girls can begin at any age between **10 and 16 years** / **12 and 18 years.**
b) Body changes include wider hips and **hair on the face** / **hair under the arms.**
c) The menstrual cycle usually occurs around every **31 days** / **28 days.**
d) During puberty, **oestrogen** / **testosterone** is released to change the body.
e) When an ovary releases an ovum, it's called **ovulation** / **fertilisation.**
f) Pubic hair begins to grow around the **penis** / **vagina**.

4. Label the **male reproductive system**. Use the vocabulary from the box.



rectum

testicle

bladder

prostate

vas deferens

seminal vesicle

pubic bone

urethra

5. **Complete the text**. Use the diagram to help you. **You have the first letter** of each missing word.

During puberty, males release a hormone called testosterone. This chemical starts production of sperm cells in the ***t***_____.
Sperm from the testicles passes into the ***v***_____ *and passes the* ***p***_____, *where part of semen is made. The* ***s***_____ *add more seminal fluid, providing nutrients and protection for sperm inside a woman's body.*

The semen and sperm mixture passes into the ***u***_____ *and out of the penis during ejaculation. Urine from the* ***b***_____ *cannot pass at the same time as sperm and semen.*

3. **Choose** the **changes which happen to boys during puberty.**

ovum are released	muscles develop faster	skin changes
pubic hair grows	the voice gets deeper	
hair grows on the face	the body produces oestrogen	breasts develop

7. Write the **pregnancy vocabulary** from the box **in the correct order**.

birth
fertilisation
foetus
cell division
zygote
embryo

1st _____

2nd _____

3rd _____

4th _____

5th _____

6th _____

8. **Menstruation** occurs if an ovum (egg) is not fertilised by a sperm. **Write true or false** next to the statements about the menstrual cycle.

a) The menstrual cycle usually starts in girls when they are between 10 - 15 years old. _____

b) Approximately every 18 days, an ovary releases an ovum into one of the fallopian tubes. _____

c) The process of releasing an ovum is called ovulation. _____

d) Before ovulation, the ovaries release hormones called testosterone and oestrogen. _____

e) Usually around 50 years of age, the menstrual cycle stops. _____

9. Read the sentences about sexual characteristics. **Click and select**: **primary sexual characteristics** or **secondary sexual characteristics**.

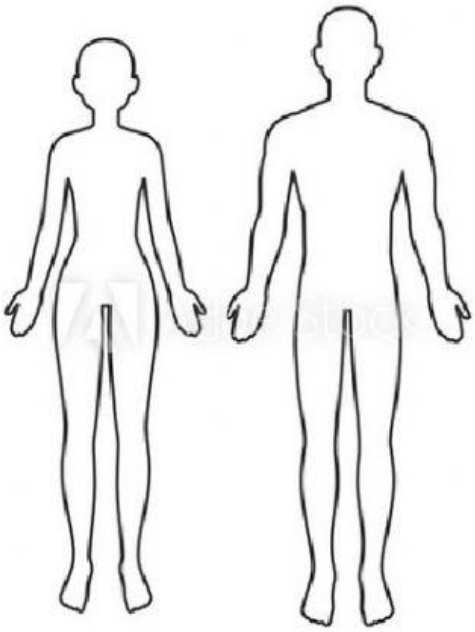
males have a penis and testicles

hair grows under the arms

hair grows on the face and body

the body gets taller and heavier

sperm are produced



reproductive organs get bigger

hair grows in the pubic area

females have a vagina and ovaries

glands in the skin produce more oil

menstruation begins