ASEXUAL REPRODUCTION

Name: __________________________

Date: ______________

SEXUAL REPRODUCTION

Asexual reproduction-

This is ________________ gamete and is produced by the ___________ organ.

Sexual reproduction

This is ________________ gamete and is produced by the ___________ organ.

The process of fusion of __________ and ________ is called ________________

The process of __________ results in the formation of __________
Male reproductive system
Internal structure of testes

- Ductus deferens
- Epididymis
- Efferent ductules
- Rete testis
- Septum
- Tunica albuginea
- Seminiferous tubule

sperm cell
Female reproductive system
Internal structure of mammalian ovary.
Oogenesis and spermatogenesis

Oogonia

Self Renewal
Embryo Only (?)

4N
Primary Oocyte
(arrest in dictyate stage)

2N
Secondary Oocyte

N
Ova

Polar Bodies

Spermatogonia

Self Renewal
Embryo & Adult

4N
Primary Spermatocyte

2N
Secondary Spermatocyte

2N

Spermatozoa
Time of DNA duplication

1. Corpus luteum
2. Fimbria
3. 12-24 hours
4. 30 hours
5. 3 days
6. Graafian follicle
7. 4 days
8. 4 1/2 - 5 days
9. 5 1/2 - 6 days

Endometrium (progestational stage)
**In Vitro Fertilization**

1. Egg production stimulated by hormone therapy
2. Eggs retrieved from ovary
3. Sperm sample provided
4. Eggs and sperm combined to allow fertilization
5. Fertilized eggs introduced into uterus

Infographic: FDA/Renee Gordon