



Sterile, Zygomorphic
ray florets

Central disc
disc florets

Bisexual, Actinomorphic

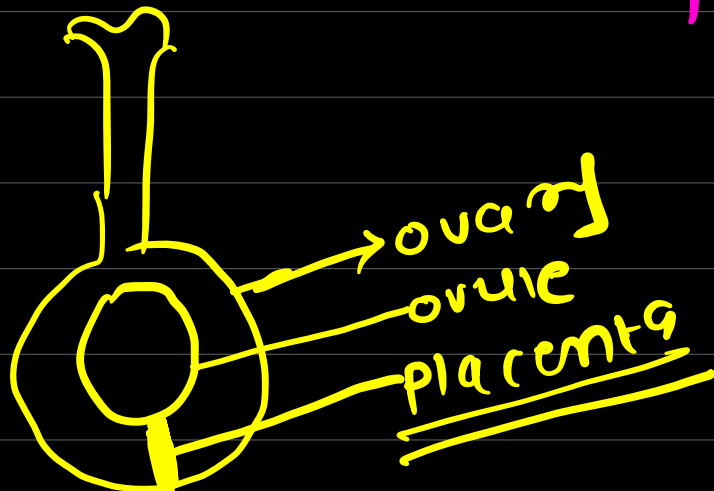
✓ Venation: vein or veinlets

✓ Phyllotaxy: leaves

✓ Inflorescence: flowers

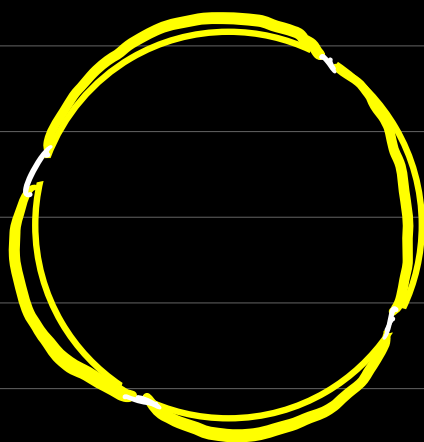
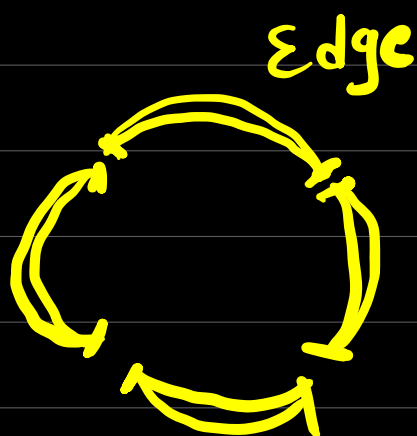
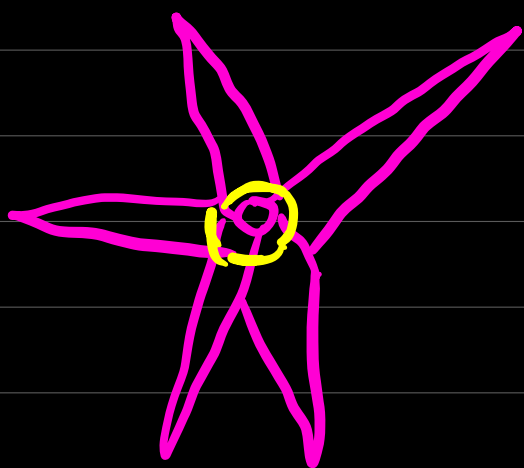
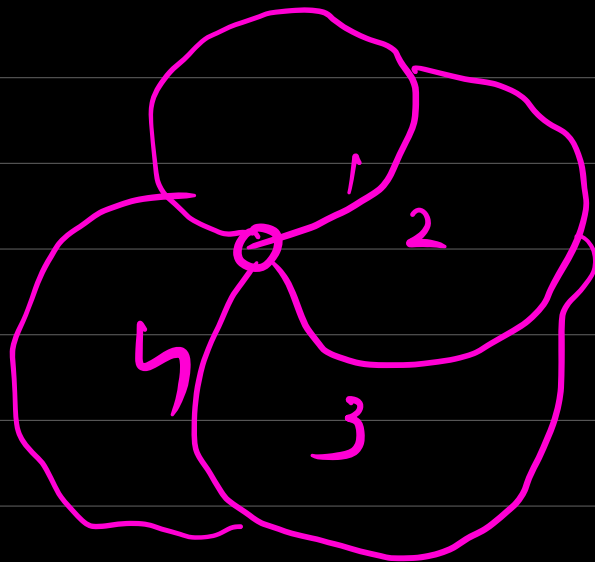
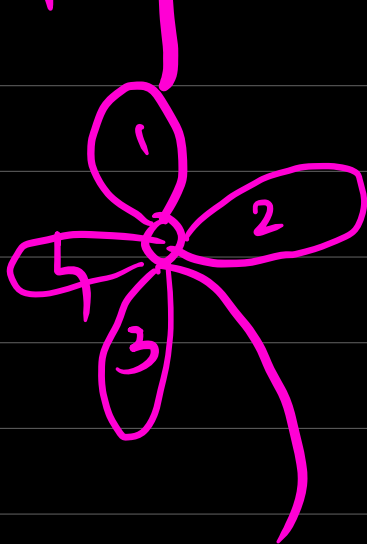
✓ Placentation: ovules attached with ovary by placenta

✓ Actinostivation: A. sepals & petals

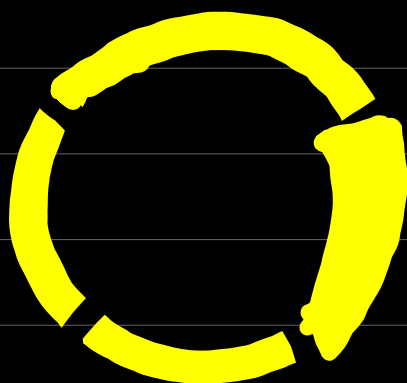
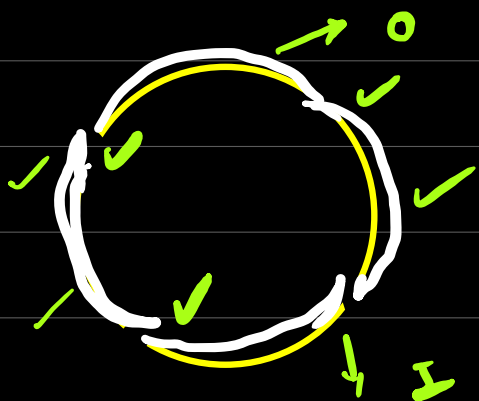


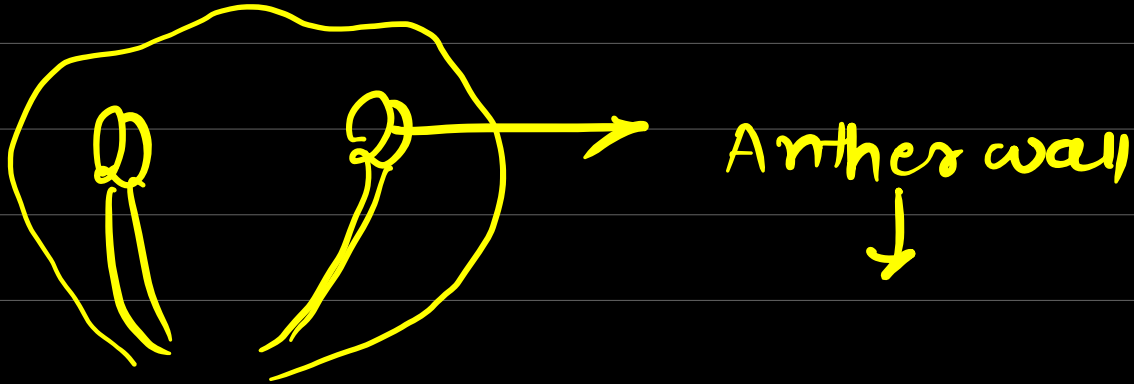
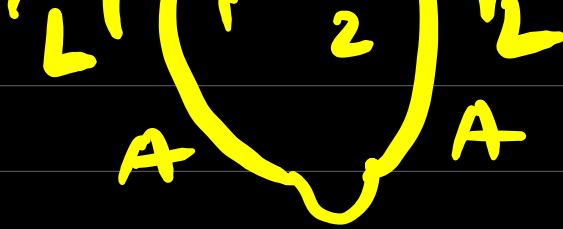
poly

clamo

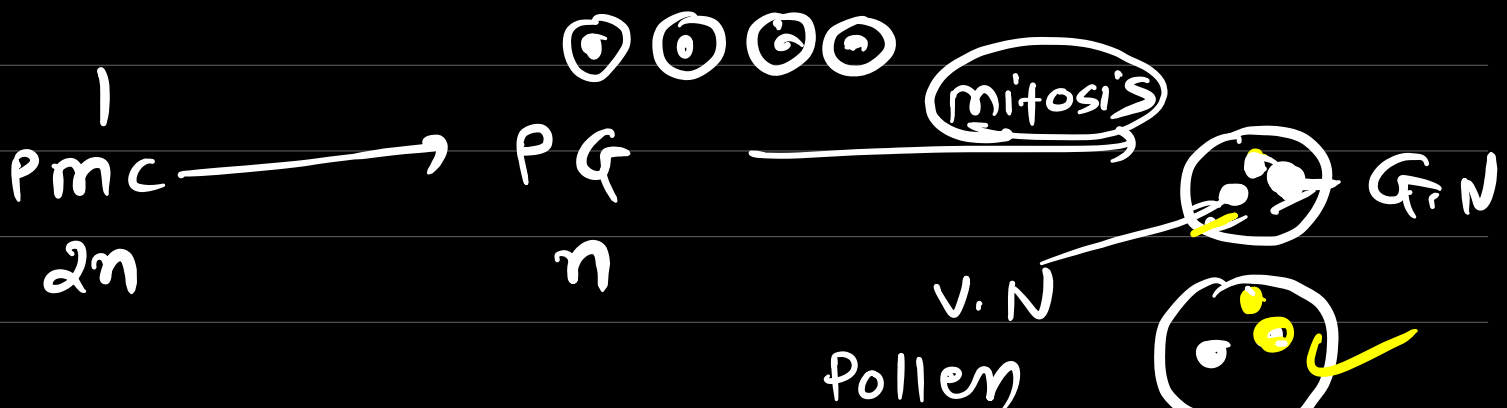
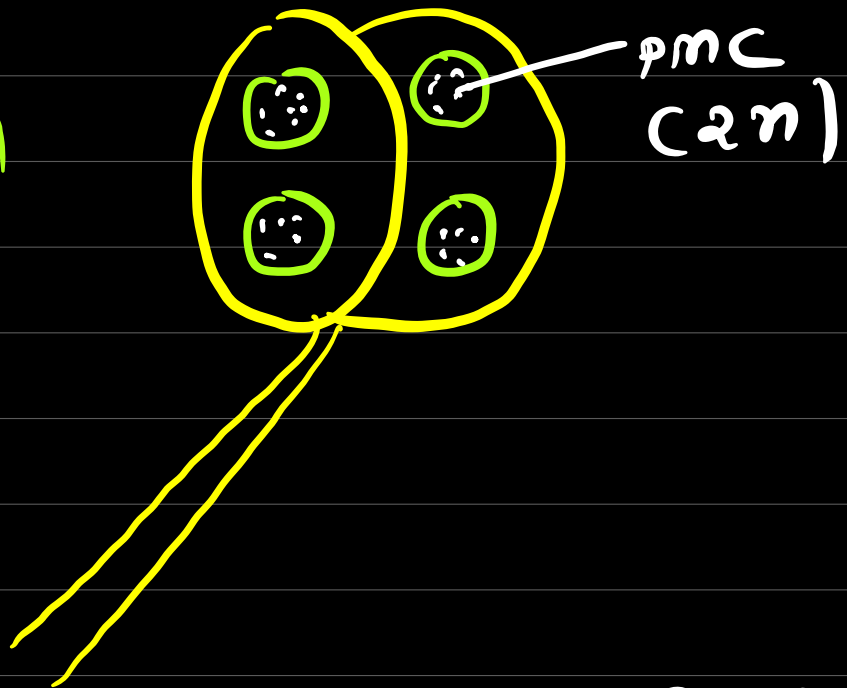


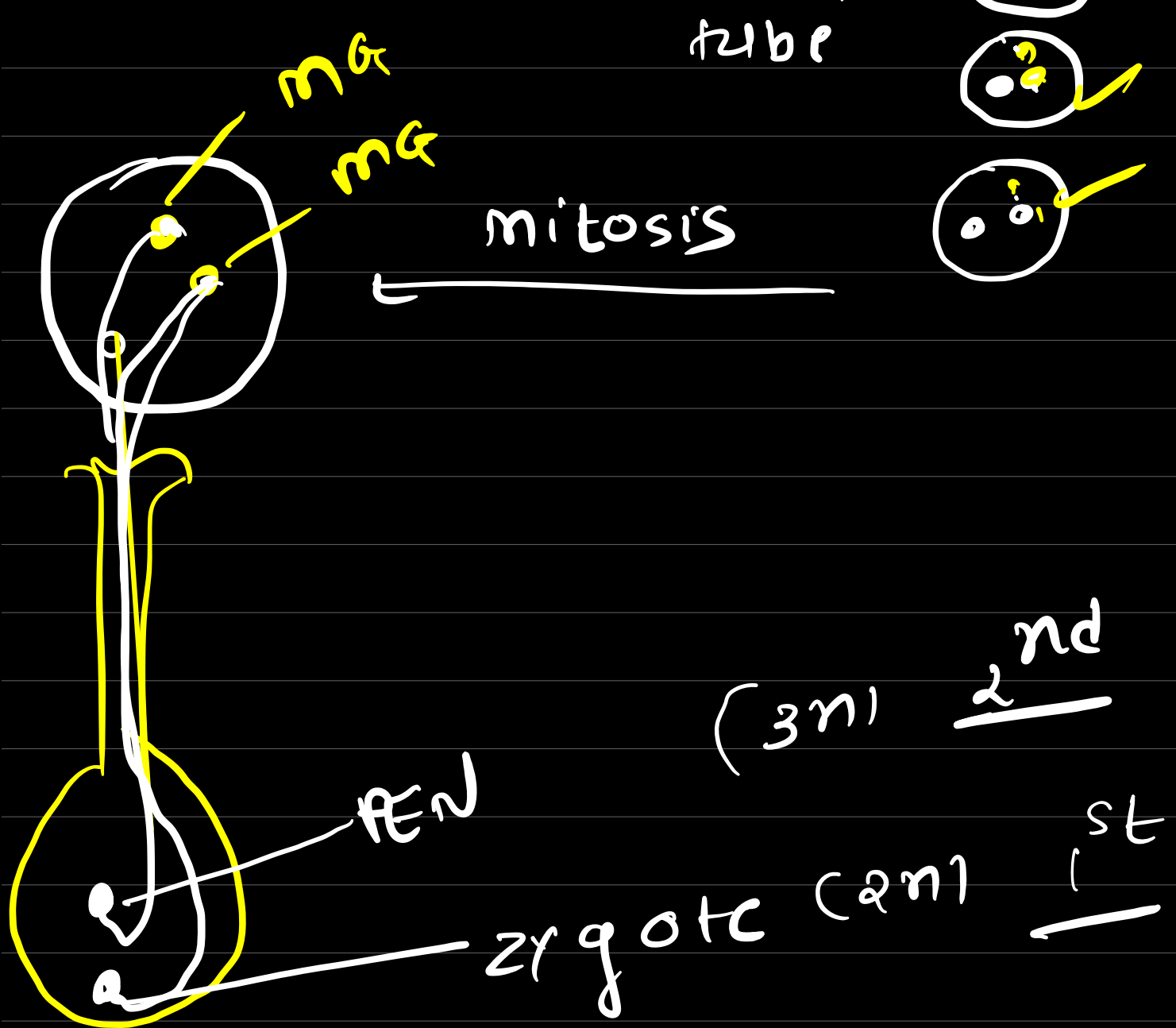
Aestivation



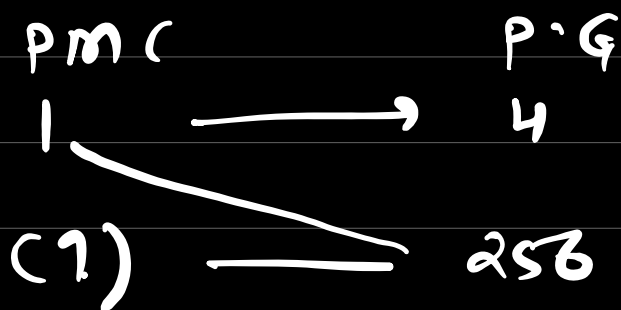


Pollen sacs



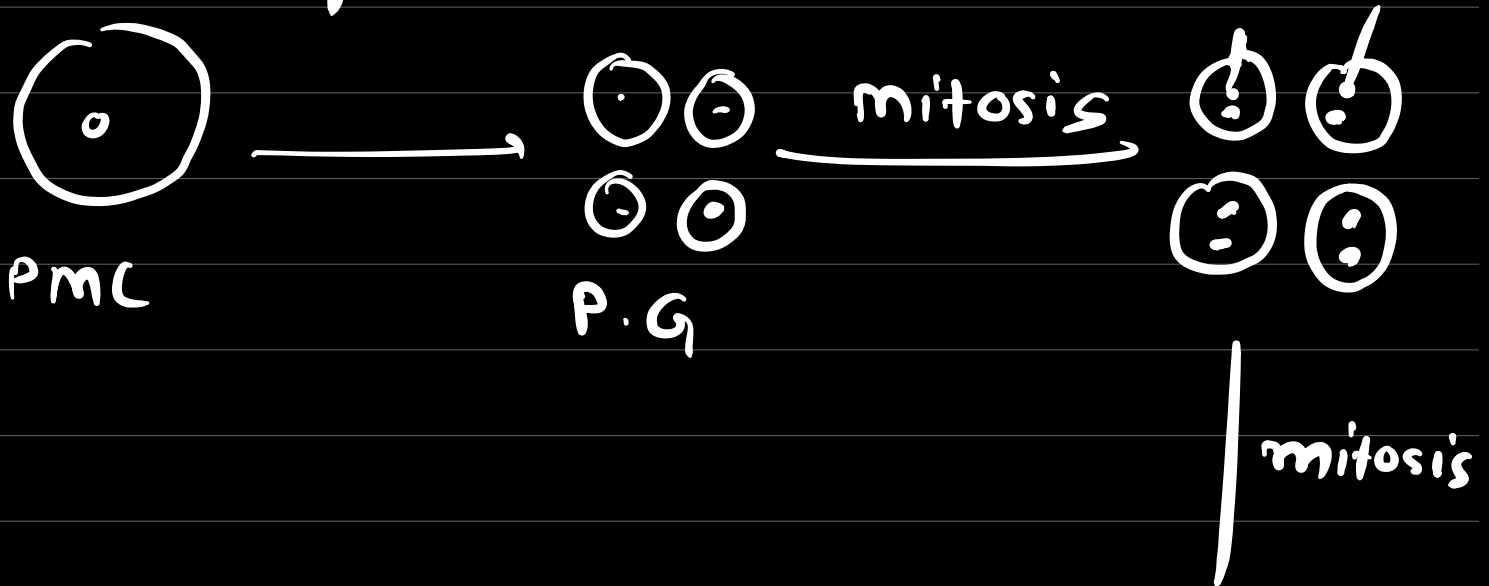
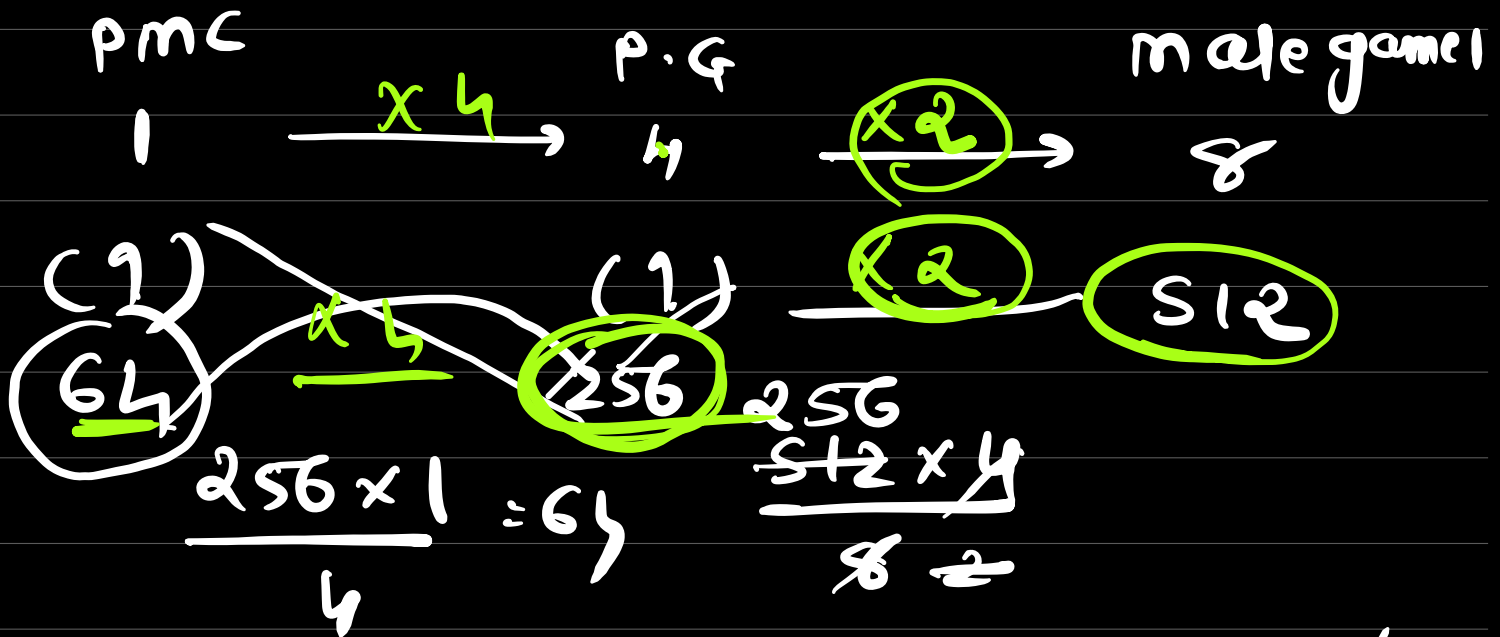


→ 256 Pollen grains PMC



$$\therefore \frac{256 \times 1}{1} = \therefore (64)$$

→ 512 m.g → PMC (9.)



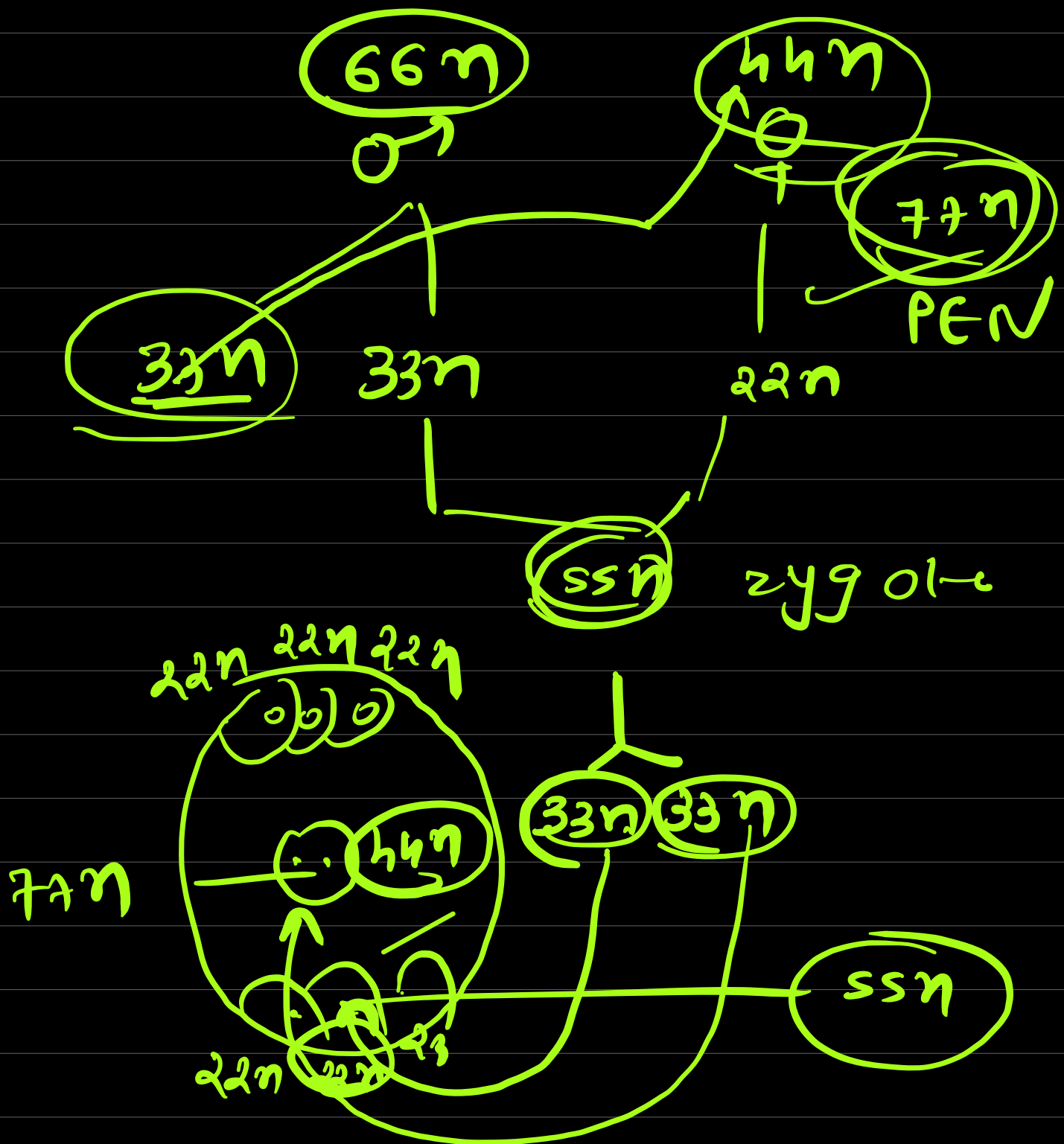
$$\begin{array}{ccccc}
 \text{PMC} & \times 4 & \text{P.G} & \times 2 & \text{mg} \\
 1 & \longrightarrow & 4 & \longrightarrow & 8 \\
 & & & & \nearrow \\
 & & 16 & \xrightarrow{\times 2} & (32) \\
 & & & \downarrow & \\
 & & & 16 \times 8 = 32 & \\
 & & & 4 &
 \end{array}$$

\Rightarrow 1024 male gametes!

PMC is required

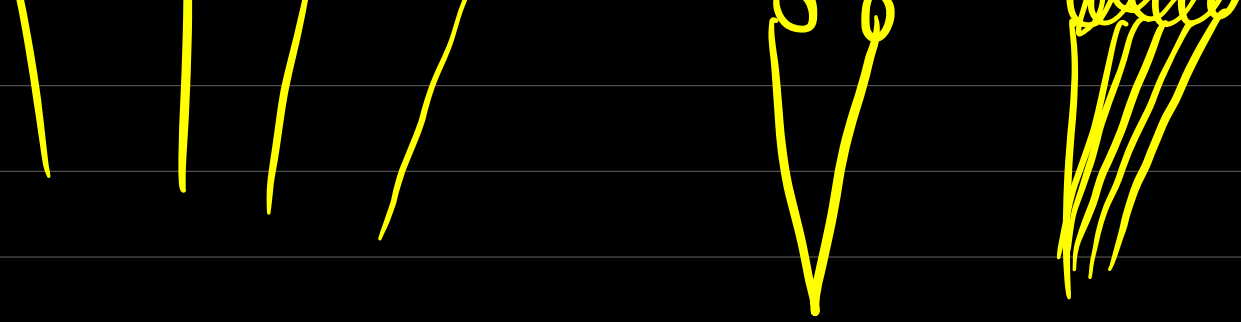
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 & & & \downarrow & \\
 & & & 16 \times 8 = 32 & \\
 & & & 4 &
 \end{array}$$

$$\begin{array}{r}
 512 \\
 \hline
 16
 \end{array}$$



♀ ♀ ♂ ♂

♀ ♂ ♀ ♂



pmc

|



p.g.

4



mmc

|



Female

|



Chalazal

C

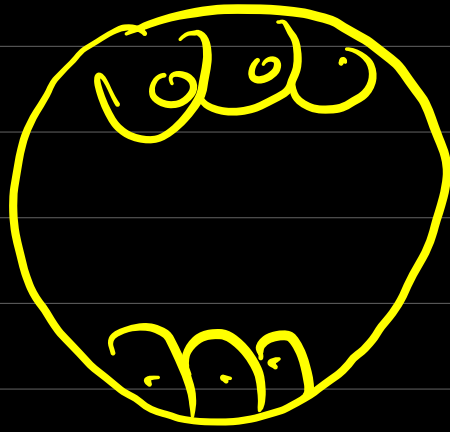
3rd



micropyle

m





Inverted