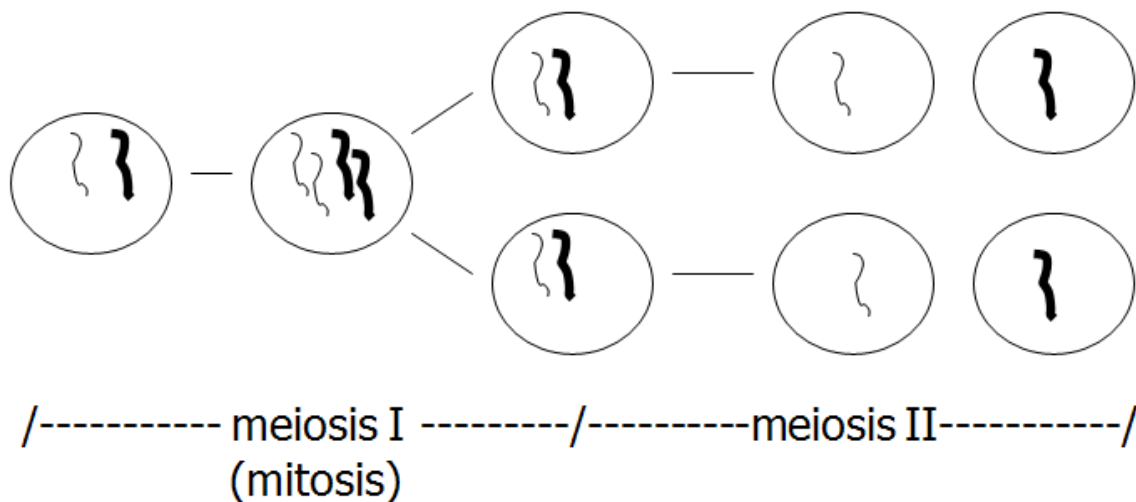


MEIOSIS

- makes sex cells (egg or sperm)
- parent cell divides by MITOSIS into two new cells (MEIOSIS I)
- these new cells divide in half to create egg or sperm (MEIOSIS II)
- each new cell has chromosomes from original pair (**half** the original genetic information)
- huge variation of traits (always new coin flip)



MITOSIS

I Chromosomes copied

Pair

Middle

Apart

Two

C 2 identical cells

diploid

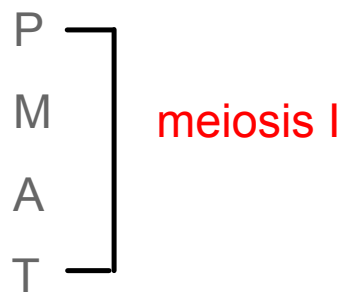
grow

make more cells

MEIOSIS

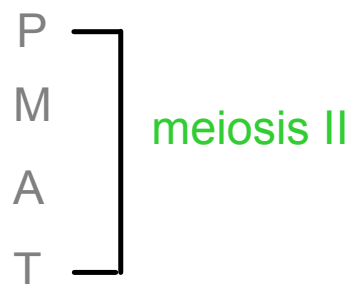
I Chromosomes copied

P
M
A
T



meiosis I

P
M
A
T



meiosis II

C 4 cells with half
original genetics

haploid

make sex cells (egg or sperm)

Attachments

Rubric Standard 3.pdf