

Answer these questions:

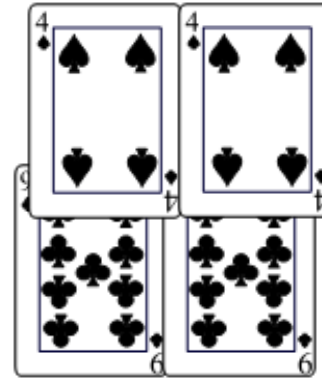
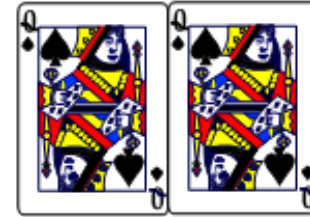
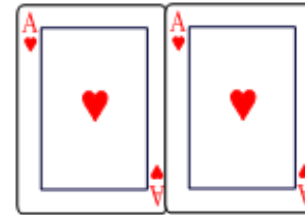
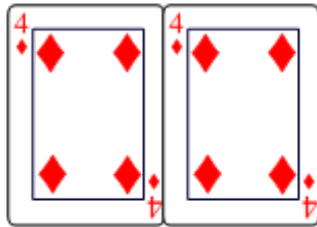
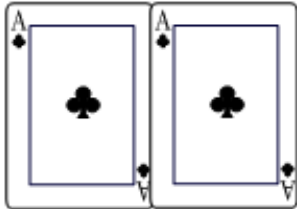
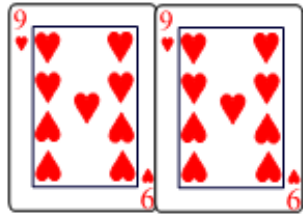
Define the term homologous chromosomes and identify the chromatids.

Differentiate between haploid and diploid cells.

Summarize the steps of mitosis.

Choose one of the following organisms and calculate the chromosome number if cells were always haploid after 5 generations.

Mosquito	6
Corn	20
Human	46
Horse	64



Meiosis- a form of _____
division that halves the
number of chromosomes
when forming _____
reproductive cells such as

Before

_____ like in
mitosis the

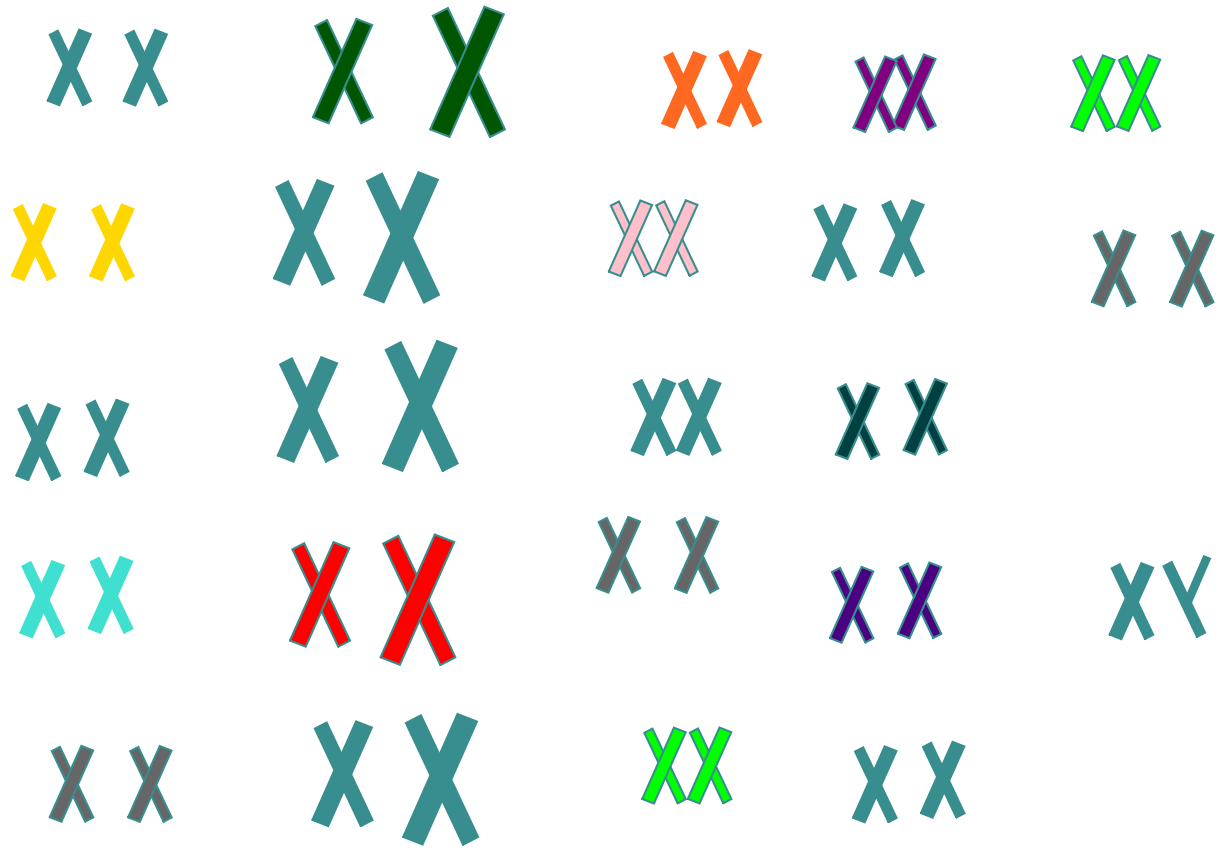
_____ replicates during

_____.

Independent
assortment-

distribution of

chromosomes
during _____



This means that
23 pairs of

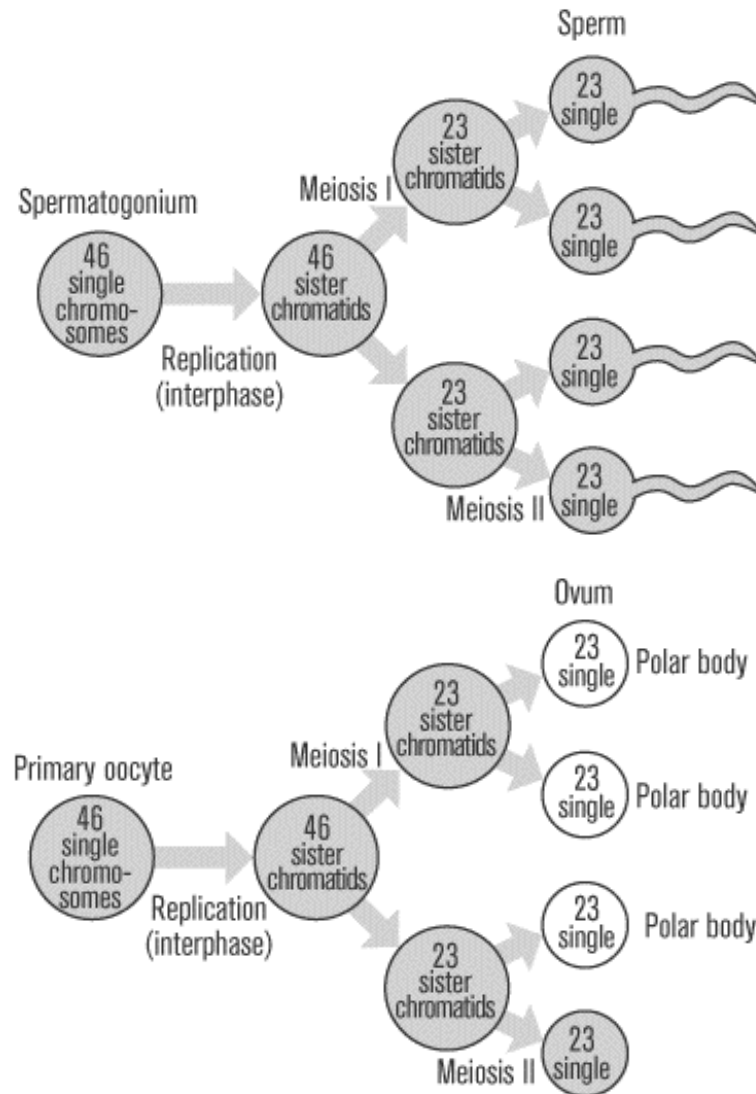
can be combined
in _____
combinations



Crossing-over

Why is variation important?

Gametogenesis-



<http://www.sparknotes.com/testprep/books/sat2/biology/chapter7section2.rhtml>



