
Mastering Biology Chapter 13

Asexual reproduction _____. See Concept 13.1 (Page 255) - answer produces offspring genetically identical to the parent

What number and types of chromosomes are found in a human somatic cell? See Concept 13.2 (Page 256) - answer 44 autosomes and 2 sex chromosomes

In alternation of generations, what is the diploid stage of a plant that follows fertilization called? See Concept 13.2 (Page 258) - answer sporophyte

How are sister chromatids and homologous chromosomes different from each other? See Concept 13.3 (Page 260) - answer Homologous chromosomes contain the same gene loci but may have different alleles of a particular gene. Sister chromatids are identical copies of each other produced during DNA replication.

Human gametes are produced by _____. - answer Human gametes are produced by _____

Normal human gametes carry _____ chromosomes. - answer 23

Which of these cells is (are) haploid? - answer c and d

A diploid organism whose somatic (nonsex) cells each contain 32 chromosomes produces gametes containing _____ chromosomes. - answer 16

Meiosis I produces _____ cells, each of which is _____. - answer two ... haploid

Meiosis II typically produces _____ cells, each of which is _____. - answer four ... haploid

During _____ sister chromatids separate. - answer anaphase II

At the end of _____ and cytokinesis, haploid cells contain chromosomes that each consist of two sister chromatids. - answer telophase I

Synapsis occurs during _____. - answer prophase I

Homologous chromosomes migrate to opposite poles during _____. - answer anaphase I

Answers For Mastering Biology Ch 13

Michael Seilmaier



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Mastering Java through Biology Peter Garst, 2014-07-22

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