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oct 16 2018 meiosis is a specialized form of cell division that produces reproductive cells such as plant and fungal spores and sperm and egg cells in general this process involves a parent cell to put that another way meiosis in humans is a division process that takes us from a diploid cell one with two sets of chromosomes to haploid cells ones with a single set of chromosomes in humans the haploid cells made in meiosis are sperm and eggs when a sperm and an egg join in fertilization the two haploid sets of chromosomes form a complete diploid meiosis  $\mu$   $o$   $s$   $s$  from ancient greek  $\mu$   $e$   $i$   $s$  lessening since it is a reductional division is a special type of cell division of germ cells in sexually reproducing organisms that produces the gametes such as sperm or egg cells dec 8 2016 meiosis is the process in eukaryotic sexually reproducing animals that reduces the number of chromosomes in a cell before reproduction many organisms package these cells into gametes such as egg and sperm the gametes can then meet during reproduction and fuse to create a new zygote jan 24 2023 meiosis is a type of cell division in sexually reproducing organisms that reduces the number of chromosomes in gametes the sex cells or egg and sperm in humans body or somatic cells are diploid containing two sets of chromosomes one from each parent to maintain this state the egg and sperm that unite during fertilization must be haploid with a jul 17 2019 meiosis is a

two part cell division process that produces sex cells with one half the number of chromosomes as the parent cell interphase ed reschke getty images there are two stages or phases of meiosis meiosis i and meiosis ii before a dividing cell enters meiosis it undergoes a period of growth called interphase meiosis is the process in which a single cell divides twice to form four haploid daughter cells these cells are the gametes sperms in males and egg in females the process of meiosis is divided into 2 stages each stage is subdivided into several phases meiosis i prophase i metaphase i anaphase i telophase i cytokinesis i meiosis ii meiosis is a process where a single cell divides twice to produce four cells containing half the original amount of genetic information these cells are our sex cells sperm in males eggs in females during meiosis one cell divides twice to form four daughter cells meiosis 1 is a type of cell division that involves the reduction in the number of the parental chromosome by half and consequently the production of four haploid daughter cells this process is very essential in the formation of the sperm and egg cells necessary for sexual reproduction jan 12 2023 meiosis also called reduction division division of a germ cell involving two fissions of the nucleus and giving rise to four gametes or sex cells each possessing half the number of chromosomes of the original cell a brief treatment of meiosis follows for further discussion see cell cell division and growth more from britannica

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