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Mitosis and Meiosis

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| **Across****2.** A diploid cell that undergoes meiosis to produce microspores as part of microsporogenesis**5.** a mature haploid male or female germ cell which is able to unite with another of the opposite sex in sexual reproduction to form a zygote**7.** The first cell division in meiosis, the process by which germ cells are formed**9.** threadlike structure of nucleic acids and protein found in the nucleus of most living cells, carrying genetic information in the form of genes**10.** a diploid cell resulting from the fusion of two haploid gametes; a fertilized ovum | **Down****1.** ironic understatement in which an affirmative is expressed by the negative of its contrary (e.g., you won't be sorry, meaning you'll be glad )**3.** the division of a cell into two daughter cells with the same genetic material**4.** the cytoplasmic division of a cell at the end **6.** a figure of speech in which a word or phrase is applied to an object or action to which it is not literally applicable**8.** a dense organelle present in most eukaryotic cells, typically a single rounded structure bounded by a double membrane, containing the genetic material |

   Cell division       Chromosomes       Cytokinesis       Gamete       Litotes       Metaphor       Microsporocyte       Nucleus       Reduction division       Zygote