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| Flashcard words  Allele  Chromosomal Mutation  Crossing-over  Diploid  Fertilization  Gamete  Haploid |  | Homologous  Meiosis  Mutation  Nondisjunction  Sister Chromatids  Tetrad |
|  |  |  |
|  |  | Paired chromosomes from each parent, almost identical |
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|  |  | Sex cells  Formed by separating homologous chromosomes to for cells with just one set of chromosomes |
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|  |  | When homologous chromosomes exchange a portion of their chromatids |
|  |  | A cell that contains both sets of paired chromosomes |
|  |  | A cell that contains only a single set of chromosomes |
|  |  | The process that forms gametes |
|  |  | Versions of a gene |
|  |  | Identical copies of chromosomes |
|  |  | The process by which a female gamete joins with a male gamete |
|  |  | Homologous chromosome match up  Made up of four chromatids of the paired chromosomes |
|  |  | Changes in the number or structure of a chromosome |
|  |  | When chromosomes do not separate correctly |
|  |  | A change in the genetic material (DNA) |