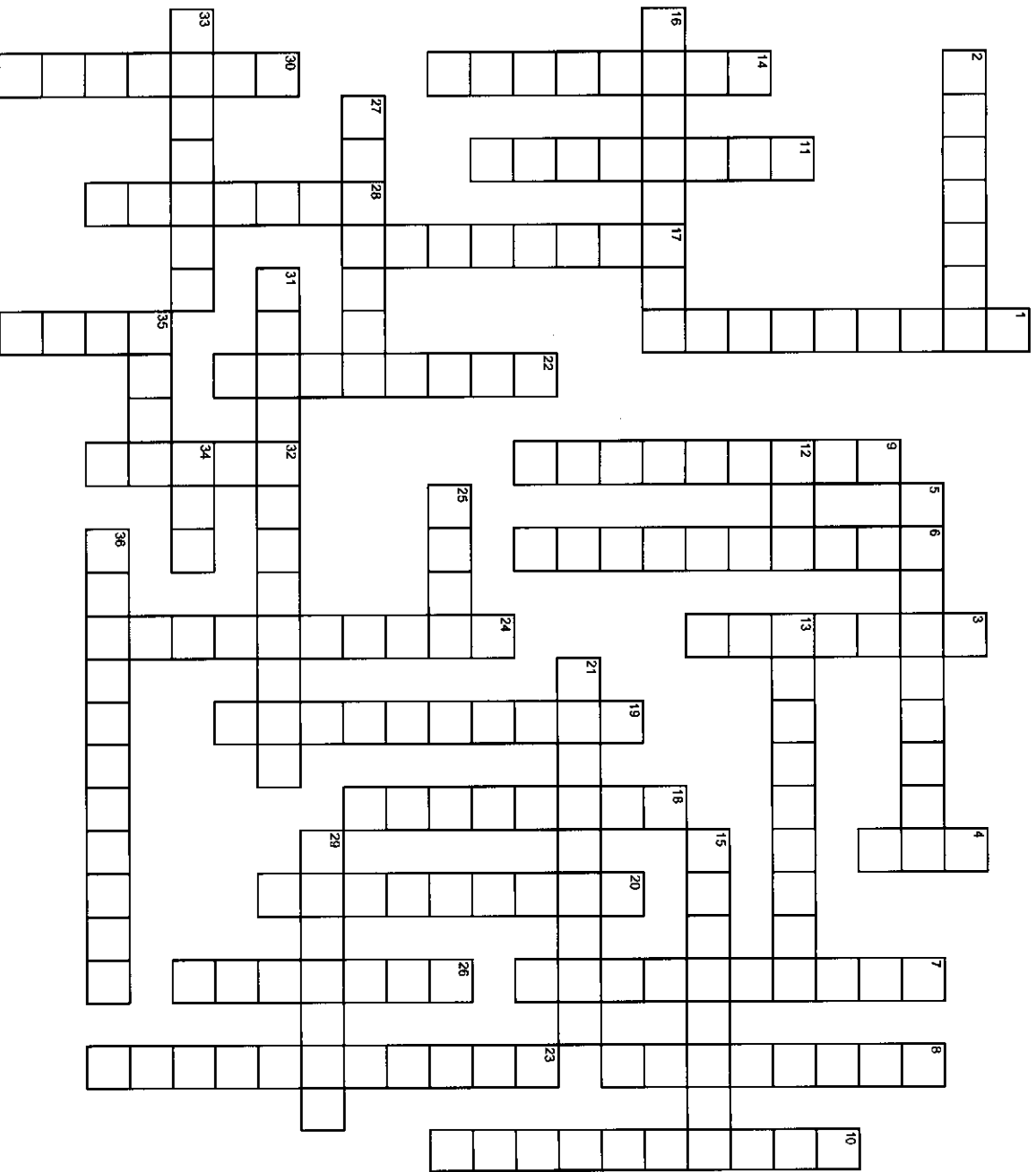


MITOSIS & MEIOSIS



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ACROSS

- 2 fibers that pull the chromosomes apart during mitosis
- 5 long thin strands of DNA spread out all over the nucleus
- 12 number of daughter cells resulting from mitosis
- 13 the final phase of mitosis
- 15 stage of mitosis when spindle fibers first appear
- 16 stage of mitosis when centrioles move to opposite sides of the cell
- 21 stage of mitosis when nuclear membrane reappears
- 25 a small segment of DNA that codes for a trait
- 27 sex cells
- 29 has chromosomes in homologous pairs
- 31 occurs when chromosomes exchange bits of DNA during meiosis
- 33 division of the cell's nucleus
- 34 female gamete
- 35 number of daughter cells resulting from meiosis
- 36 number of chromosomes in a human gamete

DOWN

- 1 phase of mitosis where chromosomes line up in the middle of the cell

- 3 body cells
- 4 number of SURVIVING egg cells resulting from meiosis
- 6 refers to chromosomes that are in pairs
- 7 stage cells are in most of the time
- 8 first stage of mitosis
- 9 stage of mitosis when spindle fibers attach to sister chromatids
- 10 stage of the cell cycle when no chromosomes are visible
- 11 stage of mitosis where chromosomes first become visible
- 14 number of chromosomes in a human somatic cell
- 17 phase of mitosis where chromosomes are pulled apart
- 18 stage of mitosis when nuclear membrane disappears
- 19 the _____ are two tiny structures that separate from each other to go to opposite sides of the nucleus during prophase
- 20 the two halves of a chromosome
- 22 cell _____ consists of two processes: mitosis and cytokinesis
- 23 division of the entire cell
- 24 the point where two sister chromatids are attached
- 26 cell that has one set of chromosomes, not in homologous pairs
- 28 process by which gametes are formed
- 30 process where gametes are made
- 32 male gamete
- 35 number of SURVIVING sperm cells resulting from meiosis