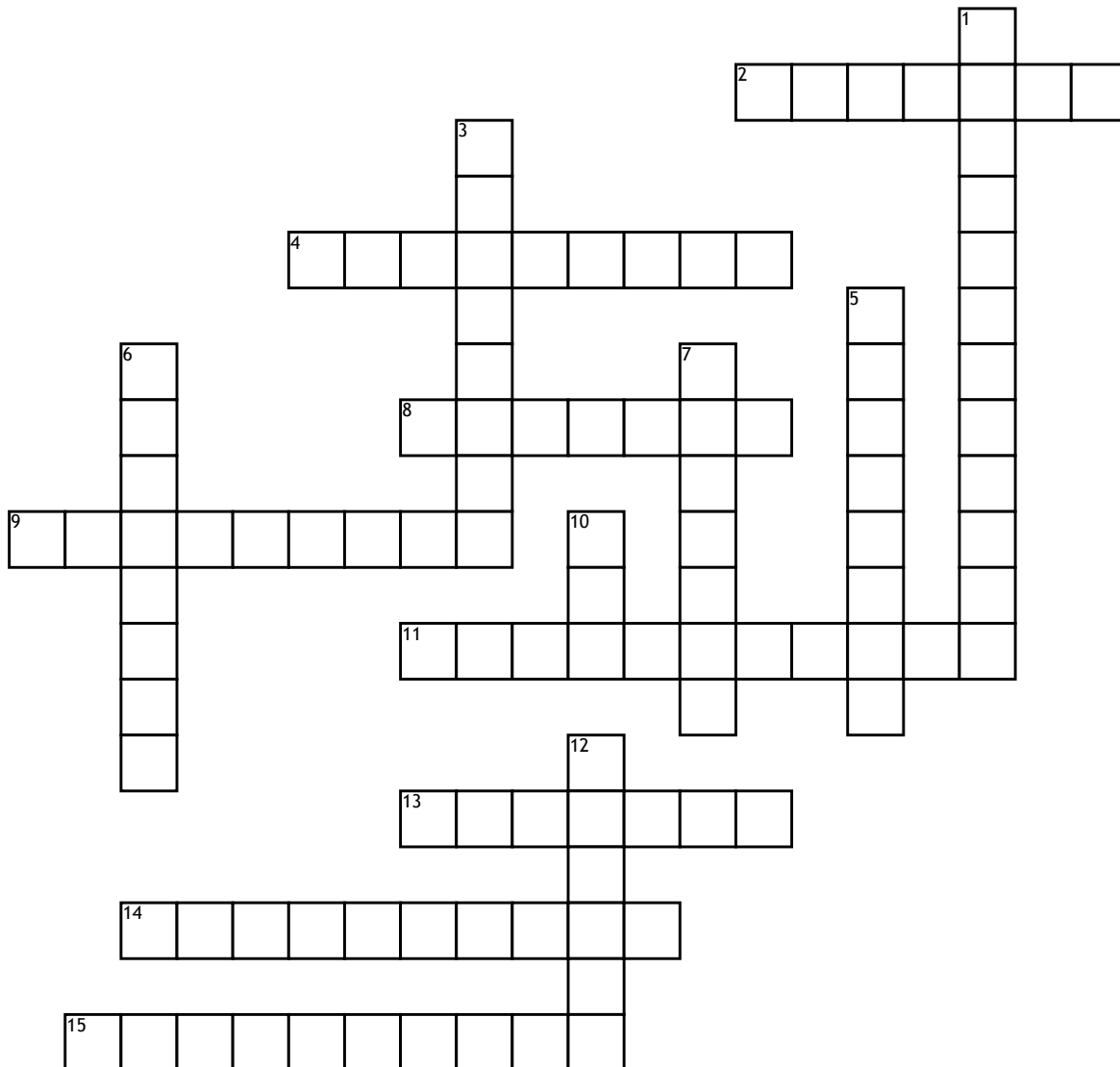


mitosis and meiosis



Across

2. any cell with 2 complete sets of chromosomes
 4. two membranes reform around separated chromatids, spindle fibers disappear
 8. cell with only 1 complete set of chromosomes
 9. spindle fibers attach to centromere, sister chromatids line up in the middle
 11. cytoplasm splits to make 2 daughter cells that are identical

13. sex cells

14. the cell grows, prepares to divide
 15. same chromosomes from each set
Down
 1. body cells
 3. chromatin condenses into chromosomes, membrane disappears and centriols move to opposite ends of cell
 5. spindle fibers shorten, sister chromatids pulled to opposite ends of cells

6. amount of chromosomes in human body
 7. division for most cells, creates 2 daughter cells
 10. amount of complete chromosome sets that most cells have
 12. cell division process that makes gametes